

Prepared for:
Ingersoll Rand Company
Montvale, New Jersey



Remedial Action Work Plan for the Old Landfill (AOC-29) for the Former Ingersoll Rand Company Facility in Phillipsburg, New Jersey

Final

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Steven J. Surman
Prepared By


Reviewed By

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1.0 Introduction

ENSR has been retained by Ingersoll Rand Company (Ingersoll Rand) to conduct remedial activities to address soil impacts at Area of Concern (AOC) 29, also referred to as the Old Landfill located at the former Ingersoll Rand Company facility in Phillipsburg, Warren County, New Jersey. Figure 1 provides the location of the facility using a USGS 7.5 Minute Topographic Quadrangle Map of Easton PA-NJ. Figure 2 provides a detailed plan view of the Old Landfill. This Remedial Action Work Plan (RAWP) describes activities planned to address the remediation of impacted soil associated with the Old Landfill.

Ingersoll Rand sold the facility in late 2004, however, Ingersoll Rand retains responsibility for specific remedial activities including investigation and remediation (if necessary) of previously identified impacts at the former Ingersoll Rand facility, including the Old Landfill.

As shown on Figure 2, the Old Landfill is approximately 18-acres in size. Features surrounding the Old Landfill generally include the Class II Sanitary Landfill to the west; the Main Facility to the north; the Inverse Ponds to the east, and farmland to the south.

The Old Landfill is located within Lot 7.02 of Block 3201. The Old Landfill is bounded by a ring road to the North beyond which is a 3.4 acre area. Remedial actions required for the 3.4-acre area will be proposed in an addendum to ENSR's September 2005 Site Investigation Report, Remedial Investigation Report, & Remedial Action Work Plan – Main Facility Area of the Former Ingersoll Rand Co. Facility. The 3.1-acre area of farmland located to the south of the Old Landfill is adjacent to the subject area of ENSR's December 2005 Site Investigation Report – Farm and Undeveloped Areas of the Former Ingersoll Rand Co. Facility. This 3.1-acre area has no identified potential AOCs or known environmental impacts.

This RAWP has been prepared as a major modification to a closure plan prepared for the Old Landfill in the early 1980s. This RAWP has been prepared in accordance with the following documents.

- March 14, 1994 Administrative Consent Order (ACO) between Ingersoll Rand and the New Jersey Department of Environmental Protection (NJDEP), which is currently being administered by the Office of Brownfield Reuse (OBR).
- June 1994 Draft Remedial Investigation Work Plan (Draft RIWP);
- May 2001 AOC-3A, 3B, 26, 29, 31, and 37 Site/Remedial Investigation Report;
- January 2002 Remedial Investigation Report Addendum for South-Side AOCs;
- The Technical Requirements for Site Remediation (TRSR) (N.J.A.C. 7:26E) as amended on February 3, 2003; and
- NJDEP Guidance Document for the Remediation of Contaminated Soils (January 1998).

1.1 Background

Site investigative activities began at the former Ingersoll Rand Company facility in Phillipsburg, NJ in the late 1980's when Ingersoll Rand began a search for potential sources of the light non-aqueous phase liquids (LNAPL) impacts, which had been identified on the groundwater table beneath the site. Through these and subsequent investigations, various AOCs were identified onsite. The Old Landfill was identified at the southeastern portion of the facility area and is the subject of this RAWP. Any potential impacts resulting from potential site-wide AOCs occurring within the boundaries of the Old Landfill are also treated as Old Landfill impacts and covered under the scope of this RAWP.

Based on the 1994 *Draft RI/CP* and subsequent reports as well as discussions with Ingersoll Rand, the proposed remedial strategy for this area consists of the implementation of institutional and engineering controls to mitigate risk to human health and/or the environment. The remainder of this RAWP describes the details of the proposed remedial action.

1.2 Rationale for Work

As per the TRSR (N.J.A.C. 7:26E) and the ACO between the NJDEP and Ingersoll Rand, Ingersoll Rand is responsible for remedial activities including investigation and remediation (if necessary) of identified impacts at the former Ingersoll Rand Company facility.

1.3 Objectives of the Work

The objectives of the work are to maintain Ingersoll Rand's compliance with the ACO and the TRSR, and to expedite completion of remedial activities at the Old Landfill in accordance with NJDEP requirements in an effort to receive NJDEP concurrence with a NFA proposal for AOC-29 (Old Landfill).

For ease of review, the remainder of this Work Plan has been divided into the following sections:

- 2.0 Physical Setting
- 3.0 Site History Summary
- 4.0 Remedial Action Selection Report
- 5.0 Summary of Proposed Remedial Activities
- 6.0 Soil Reuse Proposal
- 7.0 Permit Requirements
- 8.0 Quality Assurance Project Plan
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- 15.0 References

2.0 Physical Setting

2.1 Location and Surroundings

The former Ingersoll Rand Company facility is located at 942 Memorial Parkway in Phillipsburg, New Jersey and occupies approximately 383 acres within the Town of Phillipsburg and Lopatcong Township. The facility consists of multiple buildings, foundations of former buildings, roads, parking areas, two landfills, several manmade ponds, landscaped areas, and agricultural fields.

As shown on Figure 1, the former Ingersoll Rand Company facility is situated on a small hilltop at approximately 360 feet above mean sea level (AMSL). Topographic elevation decreases to the east, south, and west, but is most evident toward the southeast. The area surrounding the site is of mixed commercial, residential, and agricultural use. Eastward, the site is bounded by Route 22. Some commercial development is evident along Route 22, but beyond those businesses, agricultural activities persist. The southern portion of the site is largely bounded by Lock Street and some residential development. Land use beyond Lock Street is mixed agricultural and wooded. The northern portion of the site is bounded by a railroad right of way and Route 22. In this area, Route 22 is heavily developed with commercial and residential structures. The western boundary of the site at Roseberry, Center, and Green Streets is largely residential with some commercial development.

The Old Landfill is a segment of land southeast of the Main Facility area approximately 18-acres in size. The Old Landfill was created by the successive filling of the area with spent foundry sand generated from facility operations. Due to this filling activity, the topography near the Old Landfill varies in elevation from around 360 feet above mean seal level (AMSL) on top of the Old Landfill to around 310 feet AMSL at the southeastern toe of the landfill.

To the north of the Old Landfill is the Main Facility Area, including a 2.5-million gallon artificial pond (Spray Pond). To the west is a permitted Class II Sanitary Landfill. Two smaller artificial ponds (Inverse Ponds) and farmland are present to the east. Farmland is present south of the Old Landfill.

2.2 Topography and Drainage

General topography at the former Ingersoll Rand Company facility ranges from gently to steeply sloping as the property is situated on a small hilltop. At the former Ingersoll Rand Company facility, topography begins to slope steeply to the west, south, and southeast; and moderately to the east.

The facility buildings are present at an approximate elevation of 360 ft AMSL with the lowest elevations at the site nearing 225 ft AMSL. The facility area is generally level and slopes off steeply towards Roseberry Street on the west side and towards the eastern and southern farm fields. Surface runoff in the plant area, on paved (impervious) surfaces, is generally channeled into a storm sewer network, which drains the western portion of the site into the Storm Water Retention Basin and the eastern portion of the site into the Spray Pond and Inverse Ponds. Much of the storm water that falls on the remaining permeable surfaces (agricultural fields, lawns, etc.) likely infiltrates to the subsurface.

The Old Landfill, is unpaved and, excluding the vicinity of the southern and southeastern toe of the landfill, is flat to gently sloping, and lies at approximately 360 feet AMSL. The Old Landfill vicinity, at the time of facility construction, was lower in elevation and sloped gently to moderately to the southeast, however subsequent filling has formed a flat landscape at approximately 360 feet AMSL that slopes towards the landfill toe at approximately 310 feet AMSL. Surface runoff in the vicinity of the Old Landfill infiltrates to the subsurface or drains as runoff to the southeast.

2.3 Soils

The naturally occurring soils at the site consist of clayey or silty carbonate rock residuum and rock rubble resulting from the in-situ weathering of the underlying carbonate rock formations. Throughout the former Ingersoll Rand Company facility, these soils were likely overlain by glacial till of the Port Murray Formation, which pre-dates the Illinoian and Wisconsinan glacial deposits common in northern New Jersey (Stone, Stanford, and Witte, 2002). Much of the Port Murray Formation till may have been disturbed or removed at the facility in the process of facility development in the early 1900's or during earlier agricultural activity.

The fill material emplaced at the Old Landfill overlies the native soils and consists mainly of dark brown to black sand sometimes mixed with other material and building debris. Fill was historically generated by the former Ingersoll Rand Company facility's onsite foundry activity as the sand used in the foundry casting process was spent. Thickness of the fill at the Old Landfill ranges from zero feet at the toe of the landfill to 40 feet at the southeastern end of the landfill's top surface. Based on boring logs from monitoring wells installed in and near the Old Landfill, native overburden materials are believed to be less than 20 feet in thickness below the Old Landfill.

2.4 Geology

Bedrock underlying the former Ingersoll Rand Company facility generally consists primarily of two major geologic units. The older unit, the Allentown Formation, is present throughout the western half of the former Ingersoll Rand Company facility, and consists of a very fine to medium grained, gray to dark gray dolomite dating from the late Cambrian period. The other rock unit, the Rickenbach Formation, present on the eastern portion of the facility consists of a fine to coarse grained, light to dark gray dolomite with some breccia and chert beds of early Ordovician age. Both formations strike in a northeasterly direction and generally dip to the southeast.

The Allentown and Rickenbach Formations are complexly folded and faulted. Small-scale faulting may be present onsite, and the Whippoorwill Thrust Fault is located within ½-mile of the facility.

Bedrock below the facility displays characteristics of an active karst aquifer, as evidenced by sinkhole activity and borehole instability during monitoring well installations at some locations at the facility. Open void spaces have also been encountered in the bedrock during drilling activities at some locations at the facility.

Based on the findings of the Geologic Conceptual Model presented in the January 2005 *Annual Groundwater Monitoring Report*, as well as drilling records and published geologic maps of the area, the monitoring wells in and near the Old Landfill (MWs 3, 4, 52, and 53) have been installed in the Rickenbach Formation, a dolomite bedrock formation locally striking to the northeast and dipping to the southeast. Fractures have been identified in these wells, which are generally similar to bedrock bedding in their trends and dip orientations. No major joint sets, foliation, or faulting has been identified to date in association with these wells.

Site geology is discussed in greater detail in the January 2005 *Annual Groundwater Monitoring Report* (ENSR, 2005a)

2.5 Hydrogeology

Groundwater at the former Ingersoll Rand Company facility is first encountered in the fractures and openings in the dolomitic bedrock. Groundwater potentiometric surface at the former Ingersoll Rand Company facility ranges from approximately 300 to 230 feet AMSL [approximately 65 to 120 feet below ground surface (bgs), based on data collected from monitoring wells on site]. Groundwater elevation measurements indicate relatively large seasonal fluctuations in groundwater elevation. Due to these variations in groundwater potentiometric surface, site monitoring and recovery wells have been constructed as open-borehole wells, typically with open borehole lengths of greater than 25 feet.

The flow of water through dolomitic bedrock is primarily related to the size and the number of openings in the rock, such as faults, fractures, joints, and bedding openings. Based on the geologic conceptual model, groundwater elevation measurements, and observations of the movement of LNAPL, groundwater flows in a northeasterly direction along the strike of the geologic formation at the former Ingersoll Rand Company facility. Based on potentiometric surface data, a southwesterly component may also be present at the southwestern portion of the site.

Based on the findings of the Geologic Conceptual Model presented in the January 2005 *Annual Groundwater Monitoring Report*, as well as drilling records and other groundwater monitoring reports for the former Ingersoll Rand Company facility, there is no overburden aquifer below the Old Landfill. Groundwater is first encountered in the dolomitic bedrock below the ground surface in this area. Throughout the Old Landfill, groundwater is encountered at elevations of around 265 feet AMSL to 235 feet AMSL, and exhibits a potentiometric surface with higher elevations to the northwest and lower elevations to the southeast. Groundwater flow is currently interpreted to flow in a northeasterly direction below the Old Landfill, as suggested in the Geologic Conceptual Model.

2.6 Surface Water and Wetlands

There are three drainage ditches and four manmade ponds on the former Ingersoll Rand Company facility. Three of the manmade ponds (the Spray Pond and two Inverse Ponds) and one drainage ditch abut the Old Landfill to the north and east. Lopatcong Creek is located along the southern property boundary. The Delaware River is located one mile southwest of the facility.

ENSR was retained by Ingersoll Rand to delineate wetlands and open waters within the property boundary in 2003. ENSR identified one emergent wetland, as well as the above-mentioned surface water bodies during the 2003 activities. ENSR concluded that the delineated retention ponds and ditches onsite fit the descriptions of non-jurisdictional water bodies as defined in N.J.A.C. 7:7A. They are manmade features, located in uplands, and are used for the conveyance and regulated treatment of site waters. Therefore, ENSR requested a non-jurisdictional determination from NJDEP for these water features. ENSR also concluded that the wetland located in a manmade retention basin formed as the result of the creation of that retention basin. Therefore, ENSR requested a non-jurisdictional determination from NJDEP for this wetland, as it was formerly a manmade open water feature. A formal response from NJDEP Land Use Regulation Program (LURP) to this wetland and open waters survey is pending.

Although surface water bodies and wetlands have been identified at the former Ingersoll Rand Company facility, no surface water bodies or wetlands have been identified in the Old Landfill.

3.0 Site History Summary

3.1 Site History

Prior to Ingersoll Rand's purchase of the property in 1903, the property was predominantly used for agricultural purposes. However, shortly after the purchase of the property in 1903, construction began on an industrial facility which, at the peak of its operations, would include approximately 2 million square feet of office, manufacturing, iron and steel foundry, and storage space. Not long after the construction of the iron foundry (Building #4) around 1904, the Old Landfill began receiving spent foundry sand fill material intermittently, when this material was not utilized elsewhere at the facility for land leveling or construction purposes. Based on aerial photography, intermittent landfilling of foundry sand fill material continued until the 1940's. Routine landfilling of most of the spent foundry sand fill material continued from the 1940's until around 1977 based on aerial photography and facility records. Foundry sand fill material was disposed offsite after 1977. The Old Landfill was closed in 1981, and has not received wastes since that time.

The Old Landfill was the location for disposal of plant waste materials for approximately 60 years. Spent foundry sand, which represents approximately 75% of the waste material placed in the Old Landfill, was transported to the landfill by the onsite railroad system and was unloaded with a mobile crane and bucket. Other plant waste materials, including construction debris, were disposed in the landfill on a regular basis. Foundry sand was used as cover material. Wood and other combustible materials were burned in onsite incinerators or in the open air at the landfill to reduce their volume prior to disposal.

In 1990, a new Class II Sanitary Landfill was opened at the site west of the Old Landfill to accept foundry sand and construction debris. This landfill remains open to date.

Details of the site history can be found in *SHR* (ENSR, 2004c).

3.2 Environmental History

Investigation of AOCs at the former Ingersoll Rand Company facility in Phillipsburg, NJ commenced in the late 1980's in response to the identification of LNAPL on the groundwater surface beneath the site. NJDEP submissions pertinent to the Old Landfill are as follows:

- *Report on the Hydrogeologic Investigation of the Phillipsburg Landfill* (Capsule Labs 1983);
- *Draft Remedial Investigation Work Plan* (Tellus 1994a);
- *Supplemental Draft Remedial Investigation Work Plan* (Tellus 1994b);
- *Site Investigation/Remedial Investigation Report of AOC-3a, 3b, 26, 29, 31, and 37* (ENSR, May 2001);
- *Remedial Investigation Report Addendum for South-Side AOCs* (ENSR, 2002a);
- April 26, 2002 ENSR letter to NJDEP Re: *NFA Request for Old Landfill (AOC-29)* (ENSR 2002b);
- *Baseline Ecological Evaluation of the South-Side Area* (ENSR 2002c);
- *Baseline Ecological Evaluation* (ENSR, 2004a);
- *Soil Remedial Investigation Report* (ENSR, 2004b); and
- *Site History Report (SHR)* (ENSR, 2004c).

3.2.1 Environmental Investigations

As reported in the 1994 *Draft RIWP*, a hydrogeologic investigation of the landfill was conducted in the early 1980s and reported in Capsule Lab's 1983 *Report on the Hydrogeologic Investigation of the Phillipsburg Landfill*, which indicated that the landfill did not pose a threat to surface water or groundwater in the vicinity.

Through the 1980s and early 1990s monitoring wells were installed at the former Ingersoll Rand Company facility, including within the vicinity of the Old Landfill to assess groundwater quality and delineate the previously identified LNAPL plume. Based on the results of groundwater investigations there are no identified groundwater impacts that are attributed to the Old Landfill. Groundwater is being addressed as a site-wide AOC.

Additional soil investigative activities were conducted in 2001 and were reported in ENSR's 2001 *AOC-3A, 3B, 26, 29, 31, and 37 Site/Remedial Investigation Report (SI/RIR)* and ENSR's 2002 *Remedial Investigation Report Addendum for South-Side AOCs*. Summary data from this investigation is provided in Table 1 and on Figure 3. As indicated in the 2001 *SI/RIR*, fill in the landfill predominantly consists of foundry sand with construction debris and other intermixed wastes. Soil analytical results reported sporadic impacts of Total Petroleum Hydrocarbons (TPHCs), Polycyclic Aromatic Hydrocarbons (PAHs), Polychlorinated Biphenyls (PCBs), and metals. Based on this information, additional delineation within the landfill was recommended.

Additional sampling was conducted at the Old Landfill by the Town of Phillipsburg in September 2002 as part of due diligence for a potential purchase of a portion of the Ingersoll Rand property. Summary data from this investigation is provided in Table 1 and on Figure 3. Analytical results reported to the Town of Phillipsburg in TRC's 2003 *Site Investigation Report* (TRC 2003) indicated similar material characterization and impacts as previous investigations had reported. The Town of Phillipsburg did not ultimately purchase any portion of the Ingersoll Rand property.

A full summary of the environmental investigations conducted at the former Ingersoll Rand Company facility is provided in *SHR* (ENSR, 2004c).

3.2.2 Old Landfill Boundaries

The limits of the Old Landfill are defined (ring road to the north; permitted landfill to the west; the toe of slope to the south and east) in the Minor Landfill Disruption Permit Application, dated September 30, 2005 (ENSR, 2005d). NJDEP approved the Minor Landfill Disruption Permit Application in a letter dated October 18, 2005. Subsequent to the approval, geotechnical borings were installed in the Old Landfill in early November 2005 to facilitate the remedial design for the closure of the Old Landfill.

In addition, NJDEP concurred that no further investigation of the Old Landfill is required based on discussions with NJDEP subsequent to ENSR's letter dated April 26, 2002 (ENSR 2002b). Soil investigative activity conducted by ENSR in May 2001 defined the Old Landfill's southern and eastern boundaries, and the western boundary at the fence line for the Class II Sanitary Landfill.

Subsequent to the submission of the 2004 *SHR*, ENSR has pursued a site-wide remedial strategy to manage foundry sand impacts and provide engineering and institutional controls (soil capping and deed notices) wherever foundry sand fill material is present at depths of less than two feet below ground surface. This approach is outlined in ENSR's August 29, 2005 letter to NJDEP Re: *Petition for Variance for the Delineation of Impacts Related to Foundry Sand-Derived Fill*. As described in this letter and in ENSR's 2004 SHR, Appendix L, foundry sand was widely used throughout the former Ingersoll Rand Company facility as structural fill for land leveling activities, and placed at the Old Landfill when not needed for structural fill elsewhere. Therefore, for purposes of this RAWP the northern boundary of the Old Landfill is considered to be the Loop Road, with the understanding that foundry sand fill material north of this boundary (and elsewhere onsite) within two feet of the ground surface shall be remediated utilizing the same remedial strategy and engineering

controls as those proposed in ENSR's August 29, 2005 letter to NJDEP Re: Petition for Variance for the Delineation of Impacts Related to Foundry Sand-Derived Fill.

3.2.3 Ecological Evaluations

No sensitive receptors were identified in the surrounding community with potential migration pathways connecting them to the site. A detailed receptor evaluation was completed in the 1994 Draft RIWP and a baseline ecological evaluation for the southern portions of the site was submitted to NJDEP in July 2002 (ENSR 2002c). A baseline ecological evaluation for the entirety of the former Ingersoll Rand property was submitted in 2004 (ENSR 2004a).

4.0 Remedial Action Selection Report

This section describes and evaluates potential alternative remedial actions for the impacted soil of the Old Landfill. Per the TRSR, the evaluation is based on four components, consisting of cost, effectiveness, implementability, and community benefit.

The following remedial options were evaluated in accordance with TRSR for the Old landfill:

- (1) Leaving impacted soil in place and using existing cover as an engineering control and instituting a Deed Notice;
- (2) Leaving impacted soil in place and installing a perimeter fence as an engineering control and instituting a Deed Notice;
- (3) Excavating, grading, and onsite reuse of impacted soils in preparation for installing a soil cap over the impacted soil as an engineering control and instituting a Deed Notice;
- (4) In-situ treatment of impacted soil; and
- (5) Excavation and off-site disposal of impacted soils.

The evaluation is presented in tabular form below in Table 4-1.

Table 4-1 Summary Evaluation of Alternative Remedial Actions for Impacted Soils

Remedial Action	Cost	Effectiveness	Implementability	Community Benefit
1. Deed Notice w/existing cover	Low	Medium	High	Medium
2. Deed Notice w/fencing	Low	Medium	High	Medium
3. Deed Notice w/soil cap	Medium	High	High	High
4. In-situ treatment	Very High	High	Low	High
5. Excavation and offsite disposal of all impacted soil	Very High	High	Low	Medium

Based on the evaluation of these alternatives, it has been determined that installing a soil cap and instituting a Deed Notice (Remedial Action 3) is the preferred alternative and one which is routinely acceptable to NJDEP. This alternative, combined with proper long term maintenance will adequately protect human health and the environment from direct contact. This remedial action will also prevent the transport of any contaminants off-site by providing an effective soil erosion and sediment control measure. This remedy is readily implementable and will provide the most cost-effective benefit to the community. Specifically, the Old Landfill will be capped with a 24-inch thick soil cap¹ using clean fill and topsoil. The topsoil will be seeded to provide a grass cover.

¹ During a meeting held at the NJDEP Headquarters in Trenton, New Jersey on February 16, 2005, representatives of NJDEP OBR and NJDEP Division of Solid and Hazardous Waste (DSHW) mutually agreed that a 24-inch thick soil cover cap will suffice for closure of the Old Landfill.

5.0 Summary of Proposed Remedial Activities

5.1 Summary of Pre-Construction Activities

Pre-construction activities at the Old landfill will consist of securing regulatory approval of the remedial action; solicitation and evaluation of bids from contractors; and selection and award of contract to contractor.

5.1.1 Regulatory Approval

Construction related activities will commence only after approval is granted from the following regulatory agencies: NJDEP OBR, NJDEP DSHW, and Warren County Soil Conservation District (WCSCD).

5.1.2 Contract Documents

Contract Documents will include a Bid Document, Technical Specifications, Contract Drawings and a copy of the NJDEP-approved RAWP. To insure that the construction work will commence as early as possible, ENSR will compile the Contract Documents while NJDEP reviews the RAWP. After receipt of NJDEP comments, ENSR will complete revisions or addendums to the RAWP (if necessary) and finalize the Contract Documents at the same time.

5.2 Summary of Construction Activities

Construction activities consist of preconstruction and routine progress meetings, contractor mobilization and construction support preparation, preliminary clearing and grubbing activities, grading operations, soil cover operations, topsoil and seeding operations and contractor demobilization.

5.2.1 Pre-construction and Routine Progress Meetings

A pre-construction meeting is typically scheduled to occur 2 weeks from notice of award provided all documentation is complete and seasonal weather restrictions are clear. Present at the pre-construction meeting is the owner or owner's representative, engineer, contractor, regulators and/or other participants as may be appropriate including major sub-contractors. At that meeting, the engineer will review the status of submittals including the construction schedule which is due prior to the meeting.

Subsequent to the pre-construction meeting, there will be regular progress meetings occurring on a minimum frequency of every two weeks. Minutes of both meetings will be taken and distributed to participants.

In addition to the routine meetings, there will be two final construction meetings: one to generate a punch list of completion items and a second to make final certification. It is noted that final certification of landfill closure may not take place until grass cover is mowed once after a growing season. Therefore, the final certification meeting may not take place for several weeks after the contractor has significantly demobilized from the site.

5.2.2 Contractor Mobilization and Construction Support

Following the pre-construction meeting or potentially prior to it, depending on the status of submittal review and actual scheduling of the pre-construction meeting, the contractor will mobilize to the site and establish construction support such as mobile field offices, utilities, sanitary facilities, staging and decontamination areas. The contractor shall also arrange to have any pre-construction survey completed and demarcate the area that will designate the construction activity zone.

The area surrounding the construction activity zone will be protected against receipt of sedimentation by implementing the erosion control measures identified in the Soil Erosion and Sediment Control Plan (SESCP) (Attachment 2 of the Major Landfill Disruption Permit Application). Prior to beginning the next phase of the construction, the erosion control structures will be inspected by both the Engineer and a representative of the WCSCD.

To complete construction support activities, the boundary fences located along the southern and western toes of the landfill will be removed and disposed or recycled offsite by the contractor.

5.2.3 Preliminary Clearing and Grubbing Activities

It is estimated that approximately 11 acres of the Old landfill is covered with medium to large vegetation, including brush, shrubs and trees. In order to conduct regrading, all of the brush, shrubs, and trees within the Old landfill will be grubbed, cleared, and chipped onsite. Wood chips will be transported to the top deck of the Old Landfill and stockpiled. The wood chips may be used in the following manners, per the approval of the Engineer:

1. The wood chips will be transported off-site for disposal or recycling.
2. Wood chips, no larger than 2 inches in size will be used for mulch after the topsoil and seed is placed. This alternative must be approved by the Engineer and must not inhibit growth of the grass seed.

5.2.4 Grading Operations

5.2.4.1 Old Landfill

The existing slope of the landfill face is 3H:1V with some localized areas as steep as 2H:1V. Localized slides, shallow erosion gullies and evidence of surface soil movement have been observed in several areas on the face of the slope. In an effort to understand the geotechnical properties of the material in the Old Landfill and to assist with determining the maximum permissible slope of the face, ENSR contracted SOR Engineering in November 2005 to conduct a geotechnical investigation and slope stability analysis of the Old Landfill. Their work concluded that in order to obtain a factor of safety of 1.5-1.7 against slope movement, the final slope may be graded to 3H:1V provided there is adequate protection against surface erosion and soil transportation. A copy of the geotechnical investigation report is provided in Appendix A.

ENSR has taken the recommendation from the geotechnical investigation report into consideration in developing the final cover grading plan, provided as Figure C-2. We have determined that in order to achieve a balanced cut to fill operation, the side slopes will be no steeper than 3.5H:1V. Actual side slopes will range from 3.5H:1V to 4H:1V. With a top deck pitch of 1.5% and cutting the side slopes to a 3.5H:1V to 4H:1V, a balanced cut and fill operation can be achieved assuming a 10% expansion factor for bank volume to fill volume. Therefore, regrading the side slopes of the landfill will achieve two objectives: 1) provide adequate slope stability for engineering and construction purposes, and 2) provide a balanced cut to fill operation to minimize the volume of clean fill necessary to meet the 1.5% slope of the top deck.

Soil regrading operations will require an excavator, grader, and dump truck to move material around the site. Potential contingencies for discovering hazardous materials are outlined in the Major Landfill Disruption Permit (Appendix C). Regrading operations will be affected by weather as excessively wet or windy conditions may preclude productive work. These decisions will be left to the Onsite Representative who will consult with the Engineer as necessary.

While decisions on the specific staging of the regrading operations will be left to the contractor, ENSR envisions that the contractor will first relocate the clay stockpile staged for the Class II Sanitary Landfill (11,000 cubic yards [CY]) from the Old Landfill to the Class II Sanitary Landfill, which is located immediately west and

adjacent to the site. Following relocation of the stockpile, the contractor will start regrading the side slopes and reusing the cut material on the top deck. Lifts of no more than 10-12 inches in loose thickness will be permitted at a time to insure that the compaction operations are effective. Fill material may not be placed frozen. All material must be compacted to within 90% of maximum dry density, as specified in the geotechnical investigation report. At a minimum, two complete passes, of an approved vibratory compactor with successive passes overlapping a minimum of 1 foot is required.

5.2.5 Capping Operations

5.2.5.1 Soil Cover

A total of two feet of soil will be transported to the Old Landfill from appropriate and acceptable sources to cover the Old Landfill. The upper 6-inch in-place lift will consist of topsoil suitable to support a vegetative cover. This upper layer is discussed in section 5.2.5.2. The lower 18 inches of soil cover will also be transported to the Old Landfill from an appropriate source. The 18-inch total lift will consist of three 6-inch compacted lifts of clean fill.

It will be the contractor's responsibility to ensure the supplier(s) of the clean fill provides a clean fill certification in accordance with N.J.A.C. 7:26E-6.4(b).2. In addition to this paperwork, the Engineer will analyze a maximum of three samples (per source) of the clean fill for chemical analysis. The contractor will submit a sample to the Engineer prior to transporting the fill to the site. The analytical results will provide an added measure to ensure no contaminated fill is inadvertently used for the closure activities. Each sample will be analyzed at a NJDEP certified laboratory. Fill must be free of organic soil materials, loam, wood, trash and other objectionable materials which may be compressible or which cannot be properly compacted. Snow, ice, and frozen materials are not suitable fill materials.

The maximum particle size for the clean fill cannot contain particles greater than 1 ½ inches. All lifts must be composed of a material with a maximum of 10% passing the No. 200 sieve. As specified in the geotechnical investigation report, in order to insure stable slopes, the clean fill material must have a compacted angle of internal friction of at least 27 degrees and a total unit weight of at least 100 pounds/cu. ft.

While specific scheduling of the delivery of all cover soil materials is the obligation of the contractor, ENSR has completed some preliminary calculations in order to check the reasonability of completing the project according to the schedule presented in Section 12 of this RAWP. Based on an 18-acre surface area of the Old Landfill, it is estimated that a total of 43,560 in place (or bank) CY of soil is required to complete the 18-inch total lift. Assuming a 10% expansion factor, a total of approximately 47,916 CY is needed. At 100 trucks per day, this volume can be delivered in approximately 30 working days. Assuming that weather and construction-related impacts will reduce working time by 15%, the total time estimate to bring the 18-inch lift of cover soils onto the site is 35 days. While some material will be stockpiled, it is more costly for the contractor to double handle the soils so it is expected that the contractor will minimize soil stockpiling. All soil stockpiles will be within the construction limits of the Old Landfill.

Soil cover placement operations will require an excavator, grader and dump truck to move material around the site. Cover operations will be affected by weather as excessively wet or windy conditions may preclude productive work. These decisions will be left to the Onsite Representative who will consult with the Engineer, as necessary.

Lifts of no more than 10-12 inches in loose thickness will be permitted at a time to insure that the compaction operations are effective. Fill material may not be placed frozen. All material must be compacted to within 90% of maximum dry density, as specified in the geotechnical investigation report. At a minimum, two complete passes, of an approved vibratory compactor with successive passes overlapping a minimum of 1 foot is required.

5.2.5.2 Topsoil and Seeding

Topsoil and seeding materials and placement operations are described in Section 02485 of the Technical Specifications (Appendix B). A minimum in-place soil thickness of 6 inches is required. Topsoil consists of soil that is friable and loamy, free of debris, objectionable weeds and stones. The organic matter must be a minimum of 2.75% (but have no more than 8%) with a pH of 5-7.5. Topsoil shall have a particle size distribution such that it would be classified as a sandy loam, silt loam or loam. A sample will be sent to a laboratory for analysis of liming and fertilizer requirements.

It will be the contractor's responsibility to ensure the supplier(s) of the topsoil provides a clean fill certification in accordance with N.J.A.C. 7:26E-6.4(b).2. Since topsoil usually is transported from various and sometimes uncontrolled source(s), a sampling program will be implemented even if the clean fill documentation is provided. The Engineer will collect and analyze a topsoil sample for the first 1,000 CY and then every 5,000 CY, per source. The Engineer will have the discretion to increase the frequency of sampling for the topsoil at any time.

While specific scheduling of the delivery of all cover soil materials is the obligation of the contractor, ENSR has completed some preliminary calculations in order to check the reasonability of completing the project according to the schedule presented in Section 12 of this RAWP. Based on an 18-acre surface area of the Old Landfill, it is estimated that a total of 14,520 in place (or bank) CY of topsoil is required to complete the 6-inch total lift. Assuming a 10% expansion factor, a total of approximately 15,972 CY are needed. At 100 trucks per day, this volume can be delivered in approximately 10 working days. Assuming that weather and construction-related impacts will reduce working time by 15%, the total time estimate to bring the 6-inch lift of topsoil onto the site is 12 days. While some material will be stockpiled, it is more costly for the contractor to double hand the soils so it is expected that the contractor will minimize soil stockpiling. All soil stockpiles will be within the construction limits of the Old Landfill.

Topsoil will be adjusted for pH and fertilizer as necessary based on testing. Lime shall be standard commercial ground limestone containing at least 50 percent total oxides (calcium oxide and magnesium oxide), and 50 percent of the material must pass through a No. 100 mesh sieve with 98 percent passing a No. 2 mesh sieve. Application rate will be by soil texture according to the following schedule:

Soil Texture	Tons/Acre	LBS/1000 SQ. FT.
Clay, clay loam and high organic soil	3	135
Sandy loam, loam, silt loam	2	90
Loamy sand, sand	1	45

Fertilizer shall be applied at a rate and shall have an analysis conforming to the recommendations identified in the soils analysis results. Minimum requirements that will be achieved are as follows (all % by weight): nitrogen (N) -10 %; phosphorus (P) – 20%; and potassium (K) - 10%. The minimum application rate shall be 11 pounds per 1,000 square feet.

Seeding will be in accordance with the approved SESCP. In summary, the proposed permanent seed mix will contain the following: Fine Fescue (Blend)/Hard Fescue/Strong Creeping Red Fescue – 75 pounds/acre; Kentucky Bluegrass – 10 pounds/acre; Perennial Ryegrass – 10 pounds/acre, and White Clover – 5 pounds/acre. The seed mixture will be planted between March 15 and October 31 in conformance with the requirements of the WCSCD. After seeding, the contractor shall protect the seed against erosion or wind displacement by mulching. Mulch will be loosely spread to a uniform depth at a rate of 70 to 90 pounds per 1,000 square feet, or as otherwise directed by the Onsite Supervisor.

Following seeding, the contractor is required to maintain the cover for a period of one growing season followed by one mowing, or longer until the site is sufficiently stabilized after construction. Stabilization is defined as covering 80% or more of the area with no areas of poor germination larger than 3 sq. ft.

5.2.5.3 Contractor Cleanup/Demobilization

Following completion of the cover construction, the contractor will clean up and demobilize from the site. Cleanup will be in accordance with checklist items identified by the Onsite Supervisor. All temporary structures will be removed from the site with the exception of erosion control devices installed to protect surrounding land from sedimentation. The contractor will be required to remove those devices following demonstration that the vegetative cover is stabilized which cannot be achieved until a minimum of one growing season followed by a mowing. This demonstration will likely occur after all temporary facilities and equipment is demobilized from site. If repair is necessary, the contractor will remobilize necessary equipment.

5.2.6 Long Term Maintenance of Engineering Controls

Future inspection and maintenance of the engineering controls, soil cover and impervious cover, will be required. Future maintenance of the engineering controls may consist of the following, but not limited to:

- Mowing grass cover along top deck and side slopes, and within the grass-line stormwater swales;
- Repair and/or replacement of eroded soil cover;
- Rehabilitating any side slope failures;
- Installing temporary soil erosion and sediment control measures (i.e., seed, mulch, silt fence, hay bales) in areas absent of grass cover;
- Clearing and grubbing any weeds or vegetation and associated roots that could jeopardize the integrity of the cap or reduce the capacity of the stormwater swales; and
- Filling any voids or cracks in the impervious cover using compatible materials.

Routine inspection and maintenance of the engineering controls will be performed by the property owner after the engineering controls have been implemented by Ingersoll Rand. The regulatory biennial inspections and reporting requirements for the engineering controls will be conducted by the property owner after receipt of a NFA from NJDEP.

6.0 Soil Reuse Proposal

This Soil Reuse Proposal specific to the Old Landfill has been developed based on review of representative analytical results, proposed remedial activities and engineering controls for the site, and in accordance with the NJDEP Guidance Document for the Remediation of Contaminated Soils (January 1998), and the TRSR.

To complete the proposed remedial actions at the Old Landfill, it will be necessary to re-grade the side slopes for the following reasons:

1. Provide adequate side slope stability;
2. Balance the cut to fill operation; and
3. Obtain an adequate slope for stormwater drainage.

This re-grading will require the excavation of foundry sand from the side slopes and relocating it to the top deck prior to capping activities. These excavated side slope soils are the subject of this soil reuse proposal². Due to the non-hazardous characteristics of the foundry sand present at the Old Landfill, Ingersoll Rand proposes to reuse excavated soils from the side slopes on the top deck of the Old Landfill prior to capping.

The excavated soils will be reused in accordance with all applicable federal, state, and local requirements, and will not be reused off-site for any purposes. Due to the presence of soils identified as having concentrations of various compounds above NJDEP's most stringent soil cleanup criteria (MSSCC), engineering controls in conjunction with institutional controls will be required for the onsite reuse of these soils in order to be protective of human health and the environment. Analytical results for the soil samples representative of the Old Landfill are provided in Table 1 and on Figure 3.

The onsite reuse of these soils is a beneficial reuse that can facilitate the proposed closure activities for the Old Landfill and is a cost-effective solution.

6.1 Soil Reuse Areas

The soils excavated from the side slopes of the Old Landfill will be transported using dump trucks to the top deck of the Old Landfill for regrading purposes.

The Old Landfill will ultimately be capped with a 24-inch thick clean soil cover, which is a NJDEP approved engineering control per the Guidance Document for the Remediation of Contaminated Soils (NJDEP, 1998). The proposed final grades of the soil cap are shown on Figure C-2.

6.2 Quality Assurance Oversight

In accordance with NJDEP Guidance Document for the Remediation of Contaminated Soils (NJDEP 1998), soils having objectionable odors, including petroleum or synthetic chemical odors, will not be reused where the public would be exposed or where such odors or appearance would render the site or its improvements unusable for their reasonably intended purpose. Due to the low level concentrations of VOC and TPHC

² Impacted soils excavated during the sub grade preparation for the proposed engineering controls at the Cameron Area may also be used for fill at the Old Landfill, prior to capping activities. An appropriate soil reuse plan will be submitted under separate cover to NJDEP for approval before any soils from the Cameron Area are reused at the Old Landfill.

detected during investigative activities, we do not anticipate any objectionable odors from petroleum residuals or synthetic chemicals. However, oversight will be provided during the soil handling operations to ensure that no soils are reused onsite that have any observable odor characteristics.

The soils will be monitored by visual and olfactory observations as well as with a Photo-Ionization Detector (PID) during all phases of the handling activities. Soils having a sustained PID reading above background levels, objectionable odors, or showing indications of staining or free product will not be reused onsite. These soils will be segregated and will be disposed or recycled off-site in accordance with all local, state, and federal requirements.

Quality assurance oversight will ensure that this Soil Reuse Proposal is executed, accordingly. Using the survey data obtained from pre-cap construction and post-cap construction the approximate relocation of reused foundry sand will be determined. This information will assist with recording an accurate Deed Notice.

6.3 Permitting

We have identified the following permits and/or approvals associated with this work:

- Major Landfill Disruption Permit;
- Soil Erosion and Sediment Control Plan and Request for Authorization (NJPDES-DGW General Permit);
- Electrical Utility Easement Conditions (Jersey Central Power and Light Co.); and
- Potential Land Use Permitting Requirements.

A detailed description of these permits and/or approvals is presented in Section 7.0.

7.0 Permit Requirements

7.1 Major Landfill Disruption Permit

Pursuant to New Jersey Administrative Code (N.J.A.C.) 7:26-2A.8(j) excavation, disruption, or removal of any deposited material from an active, terminated, or closed sanitary landfill must receive the written approval from NJDEP DSHW. The activities proposed for the Old Landfill closure constitute a major disruption. In accordance with these provisions, a major landfill disruption permit application is included as Appendix C.

7.2 Soil Erosion and Sediment Control Plan

Pursuant to the New Jersey Administrative Code (N.J.A.C. 2:90-1.1 et seq.) and the Soil Erosion and Sediment Control Act of 1975 as amended, the closure activities of the Old Landfill must be conducted in accordance with an SESCP. The SESCP for the closure activities at the Old Landfill, is included as Attachment 2 of the Major Landfill Disruption Permit Application, and contains the information required by the WCSCD. The SCSCP was submitted to the WCSCD for approval on January 9, 2006. A Request for Authorization (RFA-NJPDES General Permit) will be obtained through the WCSCD to allow construction dewatering activities during the course of the closure activities.

7.3 Electrical Utility Easement Requirements - Jersey Central Power and Light Company

New Jersey Central Power and Light (JCP&L) owns and maintains an easement through the Old Landfill property through which two sets of overhead power lines run. Based on conversations with JCP&L representatives, there are specific restrictions associated with work or making surface modifications in the JCP&L easement.

On November 29, 2005, representatives from JCP&L, ENSR, and PREI met at the site to discuss specific landfill closure requirements pertaining to the JCP&L easement. Based on the results of this meeting, it is our understanding that the following may have to be considered in the final closure plan:

- The slope within the easement may have to be modified per easement conditions in order for JCP&L to access the electrical utility easement for maintenance and repair purposes;
- The clearance between the overhead lines and the final ground surface may have to be considered in the final design; and
- Potential breaching and repair of the cap may have to be considered for the final design to protect the integrity of the cap and the safety of the JCP&L workers during future repair work.

Subsequent to discussing the items mentioned above, alternatives were identified that could potentially meet Ingersoll Rand's objectives and the easement conditions, simultaneously. Currently, these various alternatives are being discussed among the parties. If the enclosed cap plans need to be changed substantially prior to implementation, due to easement considerations, NJDEP will be notified.

7.4 Land Use Permits

Ingersoll Rand submitted to the NJDEP Land Use Regulation Program (LURP) a footprint of disturbance letter of interpretation (LOI) application, dated October 27, 2005. The footprint of disturbance LOI application was submitted for the upper (i.e., northern) and lower (i.e., southern) gunnite-lined Inverse Ponds, an associated 150 foot long gunnite-lined swale which connects the two Inverse Ponds, and a portion of a manmade ditch that contains the outfall structure that drains the Inverse Ponds. These features are located adjacent to the

eastern toe of the Old Landfill. We anticipate a formal response from NJDEP regarding the jurisdictional status of these features in early 2006. A copy of the application letter, dated October 27, 2005, is provided in Appendix D.

On October 31, 2005, Ingersoll Rand submitted to NJDEP LURP a request for stream encroachment jurisdictional determination, per the recommendation from LURP. This request was submitted to determine whether the various proposed remediation and construction activities within or surrounding the manmade ditch that drains the Inverse Ponds are jurisdictional under the Stream Encroachment regulations. These proposed activities include cleaning the sediment from the Spray Pond, constructing the new conveyance from the Spray Pond to the manmade ditch, and remediation and closure of the two Inverse Ponds. We anticipate a formal response from NJDEP regarding the jurisdictional status of the proposed activities in early 2006. A copy of the letter request for stream encroachment jurisdictional determination, dated October 31, 2005, is provided in Appendix D.

No work will commence on the project until all permits and/or approvals have been secured.

8.0 Quality Assurance Project Plan

An internal site-specific Quality Assurance Project Plan (QAPP) is currently being developed by ENSR. The QAPP will include quality assurance and quality control procedures and guidance for the activities below:

- Soil and groundwater sampling;
- Geotechnical sampling for construction purposes;
- Analytical testing;
- Data management; and
- General oversight.

The QAPP will be developed in accordance with NJDEP and EPA guidance documents, and standard construction and industrial best management practices. The QAPP be submitted to NJDEP upon request.

9.0 Health and Safety Plan

A comprehensive health and safety plan (HASP) has been prepared for various activities at the site. A HASP will be developed specific to the proposed capping of the Old Landfill immediately after ENSR receives the remediation and construction workplan from the contractor awarded the project. Development of the HASP for this task at this time is premature.

The HASP for the Old Landfill closure activities will be developed in accordance with Occupational Safety and Health Administration (OSHA) Hazardous Waste Operation and Emergency Response Standard (29 CFR 1910.120). The HASP will contain, at a minimum, the following information:

- Site Background and History;
- Scope of Field Activities;
- Chemical and Physical Hazard Assessment;
- Air Monitoring Requirements;
- Personal Protective Equipment Requirements;
- Site Control and Decontamination Procedures; and
- Training and Medical Monitoring Requirements.

The HASP will be distributed to management and each person conducting fieldwork on this project. All personnel working on the project will have completed the required OSHA training and will possess the associated certification.

10.0 Estimated Costs

The table below presents the estimated costs for the engineering, oversight, remediation and construction for the Old Landfill closure. Due to the unpredictable variability of unit prices, especially for clean fill and topsoil, the actual contractor costs may vary from the estimated costs. This cost is an engineer's estimate and is not based on vendor or contractor quotes. Actual costs may be higher or lower. Estimated costs are subject to change until the design plans are approved by NJDEP, permits and/or approvals are secured, and bids are received from contractors.

Table 10-1 Proposed Remedial Costs

Remedial Activity	Estimated Cost
Capital Costs (including disposal and fill)	\$1,493,000
Operations and Maintenance (per year)	\$5,000
Monitoring System	\$0
Laboratory	Included in Capital Costs
Engineering, Legal, Administrative, and Field Labor (Including Subcontractors)	\$173,000
Subtotal	\$1,666,000
Contingency	\$0
Costs to Date	\$150,000
TOTAL	\$1,816,000

11.0 Costs to Date

Table 11-1 provides the estimated costs that have been incurred to date for the remedial investigation, regulatory interaction, and project management activities for the Old Landfill.

Table 11-1 Costs to Date

Remedial Activity	Estimated Cost
Tank Removal and Disposal	\$0
Capital Equipment	\$0
Mobilization	\$10,000
Consulting and Labor	\$17,000
Analytical/Laboratory	\$73,000
Sample Collection	\$50,000
Disposal	\$0
TOTAL	\$150,000

12.0 Schedule

The closure activities at the Old Landfill will involve the following:

- Preparation of final design and contracting documents;
- Solicitation of bids from general contractors;
- Final contracting;
- Kickoff meeting;
- Mobilization and construction support installation;
- Clearing and grubbing activities;
- Grading operations;
- Soil cover operations;
- Topsoil;
- Construction of surface water management structures; and
- Seeding and maintenance until stabilized.

It is the goal of this project to commence construction-related activities as early as weather conditions allow in the Spring of 2006 providing approvals are in place and the contracting steps are completed. The schedule constricting activity is the transportation of clean fill and topsoil to the site. In total, approximately 64,000 CY (in-place) of soil are required for a 2-foot cover over the 18-acre area. Each truck is capable of transporting approximately 16 cubic yards of soil at an estimated loose density of 1.5 tons/CY. At an estimated delivery rate of 1 truck/6 minutes, a total of 1,600 CY of soil can be transported to the Old Landfill on a daily basis between the operating/receiving hours of 7 AM to 5 PM. At this rate and assuming 5 working days per week and approximately 15% downtime for weather or other construction limitations, a total of approximately 40-50 days are required to transport the total amount of clean fill and topsoil to the site. As a result, the following schedule has been established to accommodate this schedule-constraining activity.

Table 12-1 Schedule

Work Activity	Duration (Approximate)	Start Time in Relation to Other Activities/Goal Date
Preparation of final design and contracting documents	4 weeks	Receipt of NJDEP comments on RAWP
Solicitation of bids from general contractors	3 weeks	End of February/Early March 2006
Final contracting	2 weeks	Notice of award
Pre-construction meeting	1 day	Within 2 weeks of final contracting
Mobilization and construction support activities	1-2 weeks	Within 2 weeks of kickoff meeting
Clearing and grubbing activities	1-2 weeks	Within 2 weeks of installation of soil erosion and sediment controls
Grading operations	3 weeks	After clearing and grubbing activities
Soil cover operations	7-8 weeks	As appropriate to accommodate grading operations
Topsoil	2-3 weeks	As appropriate to stabilize slopes after completing soil cover operations
Construction of surface water management structures	1 week	As appropriate
Seeding and maintenance until stabilized	1 week	As appropriate

13.0 Treatment and Disposal

13.1 Old Landfill

As discussed in Sections 5.0 and 6.0 of this report, excavated soil from the grading operations at the Old Landfill are planned for reuse for sub grade preparation purposes. This soil will be covered with clean fill and topsoil. Therefore, no excavated soil from the Old Landfill is planned for treatment or disposal. In the event unanticipated hazardous materials are encountered during the excavation and grading operations, the protocol established in the Major Landfill Disruption Permit Application will be followed. Vegetation will be cleared, grubbed, and chipped prior to any soil movement activities. The only anticipated materials that will be disposed off-site include the following:

- Wood chips from the clearing and grubbing of vegetation;
- Utility poles that are stockpiled on the eastern end of the top deck;
- Concrete debris located on the eastern end of the top deck;
- Miscellaneous trash or debris;
- Compressible materials not suitable for construction; and
- Construction debris generated by the contractor.

14.0 Draft Deed Notice

Non-hazardous impacted soils originating from the Old Landfill (AOC-29) are planned for reuse as grading material on the top deck of the Old Landfill to obtain an adequate top deck pitch for stormwater considerations.

The soils planned for reuse are known to contain impacts of TPHC, PAHs, PCBs, and metals, as described in Table 1 and Figure 3 of this report. Since impacted materials are planned to remain within the Old Landfill after the completion of remedial action, a deed notice and engineering controls will be necessary to protect human health and the environment from contact with these soils impacted above their respective NJDEP's MSSCC. This report has detailed the proposed engineering controls planned for installation at the Old Landfill to achieve protection from contact with impacted soils. A draft deed notice, specifying the identified soil impacts and proposed engineering controls, has been developed for the Old Landfill, and is included as Appendix E. A final deed notice will be provided in the Remedial Action Report.

15.0 References

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- ENSR, 2004a, Baseline Ecological Evaluation, July 2004.
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USEPA, 1996, Soil Screening Guidance: User's Guide. Second Edition, Publication 9355.4-23, United States Environmental Protection Agency, Office of Solid Waste and Emergency Response, Washington, DC.

USGS, 1981, 7.5-minute Quadrangle Map, Easton PA-NJ.

Tables

TABLE 1-A
Summary of Soil Analytical Results: Total Petroleum Hydrocarbons
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Location ID	Sample ID	Lab ID	Sample Date	Depth Interval	Results
A29-1	A29-1-A	256801	2/13/2001	6 - 6.5	2320
A29-1	A29-1-B	256802	2/13/2001	16 - 16.5	345
A29-1	A29-1-C	256803	2/13/2001	23 - 23.5	26.1
A29-1	A29-1-D	256804	2/13/2001	35 - 35.5	239
A29-1	A29-1-E	256805	2/13/2001	41 - 41.5	25 U
A29-2	A29-2-A	257518	2/14/2001	6.5 - 7	18,600
A29-2	A29-2-B	257519	2/14/2001	16 - 16.5	2090
A29-2	A29-2-C	257520	2/14/2001	26 - 26.5	442
A29-2	A29-2-D	257521	2/14/2001	34 - 34.5	25 U
A29-3	A29-3-A	257512	2/14/2001	5 - 5.5	26,000
A29-3	A29-3-B	257514	2/14/2001	16 - 16.5	3460
A29-3	A29-3-C	257515	2/14/2001	25 - 25.5	25 U
A29-3	A29-3-D	257516	2/14/2001	29 - 29.5	2870
A29-3	A29-3-E	257517	2/14/2001	34 - 34.5	70.8
A29-5	A29-5-A	258050	2/15/2001	6 - 6.5	25 U
A29-5	A29-5-B	258052	2/15/2001	16 - 16.5	25 U
A29-5	A29-5-C	258053	2/15/2001	29 - 29.5	25 U
A29-10	A29-10-A	278366	5/31/2001	0 - 0.5	25 U
A29-6	A29-6-A	278362	5/31/2001	0 - 0.5	37.3
A29-7	A29-7-A	278363	5/31/2001	0 - 0.5	26.7
A29-8	A29-8-A	278364	5/31/2001	0 - 0.5	36.2
A29-9	A29-9-A	278365	5/31/2001	0 - 0.5	30.6
OLF-1	T-OLF-1	37505	9/6/2002	8 - 10	114
OLF-1	TRC-OLF1_8-10	374547	9/6/2002	8 - 10	274
OLF-2	T-OLF-2	37505	9/6/2002	6 - 8	71.8
OLF-2	TRC-OLF2_6-8	374548	9/6/2002	6 - 8	30.4
OLF-3	T-OLF-3	37505	9/6/2002	6 - 8	65.7
OLF-3	TRC-OLF3_6-8	374549	9/6/2002	6 - 8	124
OLF-4	T-OLF-4	37509	9/10/2002	6 - 8	134
OLF-4	T-OLF-4A	37509	9/10/2002	6 - 8	153
OLF-4	TRC_OLF-4-6-8	375703	9/10/2002	6 - 8	146
OLF-4	T-OLF-4B	37509	9/10/2002	40 - 42	30 U
OLF-4	TRC_OLF-4-40-42	375704	9/10/2002	40 - 42	42.4
OLF-5	T-OLF-5	37508	9/9/2002	6 - 8	194
OLF-5	TRC_OLF-5-6-8	375158	9/9/2002	6 - 8	235
OLF-6	T-OLF-6	37509	9/10/2002	6 - 8	215
OLF-6	T-OLF-6B	37509	9/10/2002	30 - 32	33 U
OLF-6	TRC_OLF-6-30-32	375702	9/10/2002	30 - 32	51.9
OLF-7	T-OLF-7	37508	9/10/2002	6 - 8	54.6
OLF-7	T-OLF-7B	37509	9/10/2002	29 - 31	31 U
OLF-7	TRC_OLF-7-29-31	375165	9/10/2002	29 - 31	25 U
OLF-8	T-OLF-8	37508	9/9/2002	8 - 10	246
OLF-8	TRC_OLF-8-6-8	375159	9/9/2002	6 - 8	310
OLF-9	T-OLF-9	37508	9/9/2002	6 - 8	1050
OLF-9	TRC_OLF-9-6-8	375161	9/9/2002	6 - 8	2700
OLF-9	T-OLF-9B	37508	9/9/2002	25 - 27	352
OLF-9	TRC_OLF-9-25-27	375162	9/9/2002	25 - 27	3800
TP1	T-TP-1	37511	9/12/2002	6 - 8	59.2
TP1	TRC_TP1_6-8	376245	9/12/2002	6 - 8	71.9
TP2	T-TP-2	37511	9/12/2002	6 - 8	27.5
TP2	TRC_TP2_6-8	376246	9/12/2002	6 - 8	64
TP3	T-TP-3	37511	9/12/2002	6 - 8	29 U
TP3	TRC_TP3_6-8	376247	9/12/2002	6 - 8	52.5
TP4	T-TP-4	37511	9/12/2002	6 - 8	117
TP4	TRC_TP4_6-8	376248	9/12/2002	6 - 8	126
TP5	T-TP-5	37511	9/12/2002	6 - 8	28 U
TP5	TRC_TP5_6-8	376249	9/12/2002	6 - 8	41.8
TP6	T-TP-6	37511	9/12/2002	6 - 8	27 U
TP6	TRC_TP6_6-8	376250	9/12/2002	6 - 8	80.6

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) exceed the Most Stringent Soil Cleanup Criteria (MSSCC) of 10,000 mg/kg.

TABLE 1-B
Summary of Soil Analytical Results: Volatile Organic Compounds
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	TestPit2	TestPit3	TestPit4
			Sample ID	Test Pit 2	Test Pit 3	Test Pit 4
			Lab ID	Capsule #13976.02	Capsule #13976.03	Capsule #13976.04
			Sample Date	7/28/1982	7/28/1982	7/28/1982
			Depth Interval	13.5 - 14	13.5 - 14	13.5 - 14
1,1,1-Trichloroethane	71-55-6	50		ND	ND	ND
1,1,2,2-Tetrachloroethane	79-34-5	1		ND	ND	ND
1,1,2-Trichlorotrifluoroethane	76-13-1	-		NR	NR	NR
1,1,2-Trichloroethane	79-00-5	1		ND	ND	ND
1,1-Dichloroethane	75-34-3	10		ND	ND	ND
1,1-Dichloroethene	75-35-4	8		ND	ND	ND
1,2-Dibromo-3-Chloropropane	96-12-8	-		NR	NR	NR
1,2-Dichloroethane	107-06-2	1		ND	ND	ND
1,2-Dichloropropane	78-87-5	10		ND	ND	ND
2-Chloroethyl Vinyl Ether	110-75-8	-		ND	ND	ND
2-Hexanone	591-78-6	-		NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50		NR	NR	NR
Acetone	67-64-1	100		NR	NR	NR
Benzene	71-43-2	1		ND	ND	ND
Bromodichloromethane	75-27-4	1		ND	ND	ND
Bromoform	75-25-2	1		ND	ND	ND
Bromomethane	74-83-9	1		ND	ND	ND
Carbon Disulfide	75-15-0	-		NR	NR	NR
Carbon tetrachloride	56-23-5	1		ND	ND	ND
Chlorobenzene	108-90-7	1		ND	ND	ND
Chloroethane	75-00-3	-		ND	ND	ND
Chloroform	67-66-3	1		ND	NA	ND
Chloromethane	74-87-3	10		ND	ND	ND
cis-1,2-Dichloroethene	156-59-2	1		NR	NR	NR
cis-1,3-Dichloropropene	10061-01-5	-		ND	ND	ND
Cyclohexane	110-82-7	-		NR	NR	NR
Dibromochloromethane	124-48-1	1		ND	ND	ND
Dibromoethane	106-93-4	-		NR	NR	NR
Dichlorodifluoromethane	75-71-8	-		NR	NR	NR
Ethylbenzene	100-41-4	100		ND	ND	ND
Isopropylbenzene	98-82-8	-		NR	NR	NR
Methyl Ethyl Ketone (MEK)	78-93-3	50		NR	NR	NR
Methyl Tertiary Butyl Ether (MTBE)	1634-04-4	-		NR	NR	NR
Methyl Acetate	79-20-9	-		NR	NR	NR
Methylcyclohexane	108-87-2	-		NR	NR	NR
Methylene Chloride	75-09-2	1		0.1	0.22	NA
Styrene	100-42-5	23		NR	NR	NR
Tetrachloroethene	127-18-4	1		ND	ND	ND
Toluene	108-88-3	500		ND	NA	ND
Total Xylenes	1330-20-7	67		NR	NR	NR
Trans-1,2-Dichloroethene	156-60-5	50		ND	ND	ND
trans-1,3-Dichloropropene	10061-02-6	-		NR	NR	NR
Trichloroethylene	79-01-6	1		ND	ND	ND
Trichlorofluoromethane	75-69-4	-		ND	ND	ND
Vinyl Chloride	75-01-4	2		ND	ND	ND

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

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U - Indicates that the analyte was not detected at the MDL.

J - Indicates that the analyte was detected at a concentration less than the MDL and is

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-B
Summary of Soil Analytical Results: Volatile Organic Compounds
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

		Location ID	TestPit5	A29-1	A29-1
		Sample ID	Test Pit 5	A29-1-A	A29-1-B
		Lab ID	Capsule #13976.05	256801	256802
		Sample Date	7/28/1982	2/13/2001	2/13/2001
		Depth Interval	13.5 - 14	6 - 6.5	16 - 16.5
Analyte	CAS-RN	MSSCC			
1,1,1-Trichloroethane	71-55-6	50	ND	0.73 U	0.96 U
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	0.14 U	0.19 U
1,1,2-Trichlorotrifluoroethane	76-13-1	-	NR	NR	NR
1,1,2-Trichloroethane	79-00-5	1	ND	0.44 U	0.58 U
1,1-Dichloroethane	75-34-3	10	ND	0.73 U	0.96 U
1,1-Dichloroethene	75-35-4	8	ND	0.29 U	0.38 U
1,2-Dibromo-3-Chloropropane	96-12-8	-	NR	NR	NR
1,2-Dichloroethane	107-06-2	1	ND	0.29 U	0.38 U
1,2-Dichloropropane	78-87-5	10	ND	0.14 U	0.19 U
2-Chloroethyl Vinyl Ether	110-75-8	-	ND	0.73 U	0.96 U
2-Hexanone	591-78-6	-	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR
Benzene	71-43-2	1	ND	0.14 U	0.19 U
Bromodichloromethane	75-27-4	1	ND	0.14 U	0.19 U
Bromoform	75-25-2	1	ND	0.58 U	0.77 U
Bromomethane	74-83-9	1	ND	0.73 U	0.96 U
Carbon Disulfide	75-15-0	-	NR	NR	NR
Carbon tetrachloride	56-23-5	1	ND	0.29 U	0.38 U
Chlorobenzene	108-90-7	1	ND	0.73 U	0.96 U
Chloroethane	75-00-3	-	ND	0.73 U	0.96 U
Chloroform	67-66-3	1	ND	0.73 U	0.96 U
Chloromethane	74-87-3	10	ND	0.73 U	0.96 U
cis-1,2-Dichloroethene	156-59-2	1	NR	0.73 U	0.96 U
cis-1,3-Dichloropropene	10061-01-5	-	ND	0.73 U	0.96 U
Cyclohexane	110-82-7	-	NR	NR	NR
Dibromochloromethane	124-48-1	1	ND	0.73 U	0.96 U
Dibromoethane	106-93-4	-	NR	NR	NR
Dichlorodifluoromethane	75-71-8	-	NR	NR	NR
Ethylbenzene	100-41-4	100	ND	0.58 J	0.55 J
Isopropylbenzene	98-82-8	-	NR	NR	NR
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR
Methyl Tertiary Butyl Ether (MTBE)	1634-04-4	-	NR	NR	NR
Methyl Acetate	79-20-9	-	NR	NR	NR
Methylcyclohexane	108-87-2	-	NR	NR	NR
Methylene Chloride	75-09-2	1	0.26	0.44 U	0.58 U
Styrene	100-42-5	23	NR	NR	NR
Tetrachloroethene	127-18-4	1	ND	0.14 U	0.19 U
Toluene	108-88-3	500	ND	0.73 U	0.96 U
Total Xylenes	1330-20-7	67	NR	0.76	1.4
Trans-1,2-Dichloroethene	156-60-5	50	ND	0.73 U	0.96 U
trans-1,3-Dichloropropene	10061-02-6	-	NR	0.73 U	0.96 U
Trichloroethylene	79-01-6	1	ND	0.14 U	0.19 U
Trichlorofluoromethane	75-69-4	-	ND	0.73 U	0.96 U
Vinyl Chloride	75-01-4	2	ND	0.73 U	0.96 U

NOTES:

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TABLE 1-B
Summary of Soil Analytical Results: Volatile Organic Compounds
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

		Location ID	A29-1	A29-1	A29-1
	CAS-RN	Sample ID	A29-1-C	A29-1-D	A29-1-E
		Lab ID	256803	256804	256805
		Sample Date	2/13/2001	2/13/2001	2/13/2001
		Depth Interval	23 - 23.5	35 - 35.5	41 - 41.5
Analyte		MSSCC			
1,1,1-Trichloroethane	71-55-6	50	0.66 U	0.8 U	0.82 U
1,1,2,2-Tetrachloroethane	79-34-5	1	0.13 U	0.16 U	0.16 U
1,1,2-Trichlorotrifluoroethane	76-13-1	-	NR	NR	NR
1,1,2-Trichloroethane	79-00-5	1	0.4 U	0.48 U	0.49 U
1,1-Dichloroethane	75-34-3	10	0.66 U	0.8 U	0.82 U
1,1-Dichloroethene	75-35-4	8	0.26 U	0.32 U	0.33 U
1,2-Dibromo-3-Chloropropane	96-12-8	-	NR	NR	NR
1,2-Dichloroethane	107-06-2	1	0.26 U	0.32 U	0.33 U
1,2-Dichloropropane	78-87-5	10	0.13 U	0.16 U	0.16 U
2-Chloroethyl Vinyl Ether	110-75-8	-	0.66 U	0.8 U	0.82 U
2-Hexanone	591-78-6	-	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR
Benzene	71-43-2	1	0.13 U	0.09 J	0.16 U
Bromodichloromethane	75-27-4	1	0.13 U	0.16 U	0.16 U
Bromoform	75-25-2	1	0.53 U	0.64 U	0.66 U
Bromomethane	74-83-9	1	0.66 U	0.8 U	0.82 U
Carbon Disulfide	75-15-0	-	NR	NR	NR
Carbon tetrachloride	56-23-5	1	0.26 U	0.32 U	0.33 U
Chlorobenzene	108-90-7	1	0.66 U	0.8 U	0.82 U
Chloroethane	75-00-3	-	0.66 U	0.8 U	0.82 U
Chloroform	67-66-3	1	0.66 U	0.8 U	0.82 U
Chloromethane	74-87-3	10	0.66 U	0.8 U	0.82 U
cis-1,2-Dichloroethene	156-59-2	1	0.66 U	0.8 U	0.82 U
cis-1,3-Dichloropropene	10061-01-5	-	0.66 U	0.8 U	0.82 U
Cyclohexane	110-82-7	-	NR	NR	NR
Dibromochloromethane	124-48-1	1	0.66 U	0.8 U	0.82 U
Dibromoethane	106-93-4	-	NR	NR	NR
Dichlorodifluoromethane	75-71-8	-	NR	NR	NR
Ethylbenzene	100-41-4	100	0.53 U	0.09 J	0.66 U
Isopropylbenzene	98-82-8	-	NR	NR	NR
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR
Methyl Tertiary Butyl Ether (MTBE)	1634-04-4	-	NR	NR	NR
Methyl Acetate	79-20-9	-	NR	NR	NR
Methylcyclohexane	108-87-2	-	NR	NR	NR
Methylene Chloride	75-09-2	1	0.4 U	0.48 U	0.49 U
Styrene	100-42-5	23	NR	NR	NR
Tetrachloroethene	127-18-4	1	0.13 U	0.16 U	0.16 U
Toluene	108-88-3	500	0.66 U	0.8 U	0.82 U
Total Xylenes	1330-20-7	67	0.66 U	0.13 J	0.82 U
Trans-1,2-Dichloroethene	156-60-5	50	0.66 U	0.8 U	0.82 U
trans-1,3-Dichloropropene	10061-02-6	-	0.66 U	0.8 U	0.82 U
Trichloroethylene	79-01-6	1	0.13 U	0.16 U	0.16 U
Trichlorofluoromethane	75-69-4	-	0.66 U	0.8 U	0.82 U
Vinyl Chloride	75-01-4	2	0.66 U	0.8 U	0.82 U

NOTES:

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Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-B
Summary of Soil Analytical Results: Volatile Organic Compounds
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

		Location ID	A29-2	A29-2	A29-2	
	CAS-RN	MSSCC	A29-2-A	A29-2-B	A29-2-C	
Analyte			Lab ID	Sample Date	Depth Interval	
1,1,1-Trichloroethane	71-55-6	50		1 U	0.7 U	0.68 U
1,1,2,2-Tetrachloroethane	79-34-5	1		0.2 U	0.14 U	0.14 U
1,1,2-Trichlorotrifluoroethane	76-13-1	-		NR	NR	NR
1,1,2-Trichloroethane	79-00-5	1		0.6 U	0.42 U	0.41 U
1,1-Dichloroethane	75-34-3	10		1 U	0.7 U	0.68 U
1,1-Dichloroethene	75-35-4	8		0.4 U	0.28 U	0.27 U
1,2-Dibromo-3-Chloropropane	96-12-8	-		NR	NR	NR
1,2-Dichloroethane	107-06-2	1		0.4 U	0.28 U	0.27 U
1,2-Dichloropropane	78-87-5	10		0.2 U	0.14 U	0.14 U
2-Chloroethyl Vinyl Ether	110-75-8	-		1 U	0.7 U	0.68 U
2-Hexanone	591-78-6	-		NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50		NR	NR	NR
Acetone	67-64-1	100		NR	NR	NR
Benzene	71-43-2	1		0.2 U	0.14 U	0.14 U
Bromodichloromethane	75-27-4	1		0.2 U	0.14 U	0.14 U
Bromoform	75-25-2	1		0.81 U	0.56 U	0.54 U
Bromomethane	74-83-9	1		1 U	0.7 U	0.68 U
Carbon Disulfide	75-15-0	-		NR	NR	NR
Carbon tetrachloride	56-23-5	1		0.4 U	0.28 U	0.27 U
Chlorobenzene	108-90-7	1		1 U	0.7 U	0.68 U
Chloroethane	75-00-3	-		1 U	0.7 U	0.68 U
Chloroform	67-66-3	1		1 U	0.7 U	0.68 U
Chloromethane	74-87-3	10		1 U	0.7 U	0.68 U
cis-1,2-Dichloroethene	156-59-2	1		1 U	0.7 U	0.68 U
cis-1,3-Dichloropropene	10061-01-5	-		1 U	0.7 U	0.68 U
Cyclohexane	110-82-7	-		NR	NR	NR
Dibromochloromethane	124-48-1	1		1 U	0.7 U	0.68 U
Dibromoethane	106-93-4	-		NR	NR	NR
Dichlorodifluoromethane	75-71-8	-		NR	NR	NR
Ethylbenzene	100-41-4	100		0.81 U	0.56 U	0.54 U
Isopropylbenzene	98-82-8	-		NR	NR	NR
Methyl Ethyl Ketone (MEK)	78-93-3	50		NR	NR	NR
Methyl Tertiary Butyl Ether (MTBE)	1634-04-4	-		NR	NR	NR
Methyl Acetate	79-20-9	-		NR	NR	NR
Methylcyclohexane	108-87-2	-		NR	NR	NR
Methylene Chloride	75-09-2	1		0.6 U	0.42 U	0.41 U
Styrene	100-42-5	23		NR	NR	NR
Tetrachloroethene	127-18-4	1		0.2 U	0.14 U	0.14 U
Toluene	108-88-3	500		1 U	0.7 U	0.68 U
Total Xylenes	1330-20-7	67		1 U	0.7 U	0.68 U
Trans-1,2-Dichloroethene	156-60-5	50		1 U	0.7 U	0.68 U
trans-1,3-Dichloropropene	10061-02-6	-		1 U	0.7 U	0.68 U
Trichloroethylene	79-01-6	1		0.2 U	0.14 U	0.14 U
Trichlorofluoromethane	75-69-4	-		1 U	0.7 U	0.68 U
Vinyl Chloride	75-01-4	2		1 U	0.7 U	0.68 U

NOTES:

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Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-B
Summary of Soil Analytical Results: Volatile Organic Compounds
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

		Location ID	A29-2	A29-3	A29-3
	CAS-RN	MSSCC	A29-2-D	A29-3-A	A29-3-B
Analyte			Lab ID	257521	257512
			Sample Date	2/14/2001	2/14/2001
			Depth Interval	34 - 34.5	5 - 5.5
1,1,1-Trichloroethane	71-55-6	50	0.65 U	0.78 U	0.9 U
1,1,2,2-Tetrachloroethane	79-34-5	1	0.13 U	0.16 U	0.18 U
1,1,2-Trichlorotrifluoroethane	76-13-1	-	NR	NR	NR
1,1,2-Trichloroethane	79-00-5	1	0.39 U	0.47 U	0.54 U
1,1-Dichloroethane	75-34-3	10	0.65 U	0.78 U	0.9 U
1,1-Dichloroethene	75-35-4	8	0.26 U	0.31 U	0.36 U
1,2-Dibromo-3-Chloropropane	96-12-8	-	NR	NR	NR
1,2-Dichloroethane	107-06-2	1	0.26 U	0.31 U	0.36 U
1,2-Dichloropropane	78-87-5	10	0.13 U	0.16 U	0.18 U
2-Chloroethyl Vinyl Ether	110-75-8	-	0.65 U	0.78 U	0.9 U
2-Hexanone	591-78-6	-	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR
Benzene	71-43-2	1	0.13 U	0.16 U	0.18 U
Bromodichloromethane	75-27-4	1	0.13 U	0.16 U	0.18 U
Bromoform	75-25-2	1	0.52 U	0.62 U	0.72 U
Bromomethane	74-83-9	1	0.65 U	0.78 U	0.9 U
Carbon Disulfide	75-15-0	-	NR	NR	NR
Carbon tetrachloride	56-23-5	1	0.26 U	0.31 U	0.36 U
Chlorobenzene	108-90-7	1	0.65 U	0.78 U	0.9 U
Chloroethane	75-00-3	-	0.65 U	0.78 U	0.9 U
Chloroform	67-66-3	1	0.65 U	0.78 U	0.9 U
Chloromethane	74-87-3	10	0.65 U	0.78 U	0.9 U
cis-1,2-Dichloroethene	156-59-2	1	0.65 U	0.78 U	0.9 U
cis-1,3-Dichloropropene	10061-01-5	-	0.65 U	0.78 U	0.9 U
Cyclohexane	110-82-7	-	NR	NR	NR
Dibromochloromethane	124-48-1	1	0.65 U	0.78 U	0.9 U
Dibromoethane	106-93-4	-	NR	NR	NR
Dichlorodifluoromethane	75-71-8	-	NR	NR	NR
Ethylbenzene	100-41-4	100	0.52 U	0.62 U	0.72 U
Isopropylbenzene	98-82-8	-	NR	NR	NR
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR
Methyl Tertiary Butyl Ether (MTBE)	1634-04-4	-	NR	NR	NR
Methyl Acetate	79-20-9	-	NR	NR	NR
Methylcyclohexane	108-87-2	-	NR	NR	NR
Methylene Chloride	75-09-2	1	0.39 U	0.47 U	0.54 U
Styrene	100-42-5	23	NR	NR	NR
Tetrachloroethene	127-18-4	1	0.13 U	0.16 U	0.18 U
Toluene	108-88-3	500	0.65 U	0.78 U	0.9 U
Total Xylenes	1330-20-7	67	0.65 U	0.78 U	0.9 U
Trans-1,2-Dichloroethene	156-60-5	50	0.65 U	0.78 U	0.9 U
trans-1,3-Dichloropropene	10061-02-6	-	0.65 U	0.78 U	0.9 U
Trichloroethylene	79-01-6	1	0.13 U	0.16 U	0.18 U
Trichlorofluoromethane	75-69-4	-	0.65 U	0.78 U	0.9 U
Vinyl Chloride	75-01-4	2	0.65 U	0.78 U	0.9 U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

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Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-B
Summary of Soil Analytical Results: Volatile Organic Compounds
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

		Location ID	A29-3	A29-3	A29-3
	CAS-RN	MSSCC	A29-3-C	A29-3-D	A29-3-E
Analyte			Lab ID	257515	257516
			Sample Date	2/14/2001	2/14/2001
			Depth Interval	25 - 25.5	29 - 29.5
1,1,1-Trichloroethane	71-55-6	50	0.74 U	0.65 U	0.76 U
1,1,2,2-Tetrachloroethane	79-34-5	1	0.15 U	0.13 U	0.15 U
1,1,2-Trichlorotrifluoroethane	76-13-1	-	NR	NR	NR
1,1,2-Trichloroethane	79-00-5	1	0.44 U	0.39 U	0.46 U
1,1-Dichloroethane	75-34-3	10	0.74 U	0.65 U	0.76 U
1,1-Dichloroethene	75-35-4	8	0.3 U	0.26 U	0.3 U
1,2-Dibromo-3-Chloropropane	96-12-8	-	NR	NR	NR
1,2-Dichloroethane	107-06-2	1	0.3 U	0.26 U	0.3 U
1,2-Dichloropropane	78-87-5	10	0.15 U	0.13 U	0.15 U
2-Chloroethyl Vinyl Ether	110-75-8	-	0.74 U	0.65 U	0.76 U
2-Hexanone	591-78-6	-	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR
Benzene	71-43-2	1	0.15 U	0.13 U	0.15 U
Bromodichloromethane	75-27-4	1	0.15 U	0.13 U	0.15 U
Bromoform	75-25-2	1	0.59 U	0.52 U	0.61 U
Bromomethane	74-83-9	1	0.74 U	0.65 U	0.76 U
Carbon Disulfide	75-15-0	-	NR	NR	NR
Carbon tetrachloride	56-23-5	1	0.3 U	0.26 U	0.3 U
Chlorobenzene	108-90-7	1	0.74 U	0.65 U	0.76 U
Chloroethane	75-00-3	-	0.74 U	0.65 U	0.76 U
Chloroform	67-66-3	1	0.74 U	0.65 U	0.76 U
Chloromethane	74-87-3	10	0.74 U	0.65 U	0.76 U
cis-1,2-Dichloroethene	156-59-2	1	0.74 U	0.65 U	0.76 U
cis-1,3-Dichloropropene	10061-01-5	-	0.74 U	0.65 U	0.76 U
Cyclohexane	110-82-7	-	NR	NR	NR
Dibromochloromethane	124-48-1	1	0.74 U	0.65 U	0.76 U
Dibromoethane	106-93-4	-	NR	NR	NR
Dichlorodifluoromethane	75-71-8	-	NR	NR	NR
Ethylbenzene	100-41-4	100	0.59 U	0.52 U	0.61 U
Isopropylbenzene	98-82-8	-	NR	NR	NR
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR
Methyl Tertiary Butyl Ether (MTBE)	1634-04-4	-	NR	NR	NR
Methyl Acetate	79-20-9	-	NR	NR	NR
Methylcyclohexane	108-87-2	-	NR	NR	NR
Methylene Chloride	75-09-2	1	0.44 U	0.39 U	0.46 U
Styrene	100-42-5	23	NR	NR	NR
Tetrachloroethene	127-18-4	1	0.15 U	0.13 U	0.15 U
Toluene	108-88-3	500	0.74 U	0.65 U	0.76 U
Total Xylenes	1330-20-7	67	0.74 U	0.65 U	0.76 U
Trans-1,2-Dichloroethene	156-60-5	50	0.74 U	0.65 U	0.76 U
trans-1,3-Dichloropropene	10061-02-6	-	0.74 U	0.65 U	0.76 U
Trichloroethylene	79-01-6	1	0.15 U	0.13 U	0.15 U
Trichlorofluoromethane	75-69-4	-	0.74 U	0.65 U	0.76 U
Vinyl Chloride	75-01-4	2	0.74 U	0.65 U	0.76 U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

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TABLE 1-B
Summary of Soil Analytical Results: Volatile Organic Compounds
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

		Location ID	A29-5	A29-5	A29-5
	CAS-RN	MSSCC	A29-5-A	A29-5-B	A29-5-C
			Lab ID	258050	258052
			Sample Date	2/15/2001	2/15/2001
			Depth Interval	6 - 6.5	16 - 16.5
Analyte					29 - 29.5
1,1,1-Trichloroethane	71-55-6	50	0.74 U	0.63 U	0.75 U
1,1,2,2-Tetrachloroethane	79-34-5	1	0.15 U	0.13 U	0.15 U
1,1,2-Trichlorotrifluoroethane	76-13-1	-	NR	NR	NR
1,1,2-Trichloroethane	79-00-5	1	0.44 U	0.38 U	0.45 U
1,1-Dichloroethane	75-34-3	10	0.74 U	0.63 U	0.75 U
1,1-Dichloroethene	75-35-4	8	0.29 U	0.25 U	0.3 U
1,2-Dibromo-3-Chloropropane	96-12-8	-	NR	NR	NR
1,2-Dichloroethane	107-06-2	1	0.29 U	0.25 U	0.3 U
1,2-Dichloropropane	78-87-5	10	0.15 U	0.13 U	0.15 U
2-Chloroethyl Vinyl Ether	110-75-8	-	0.74 U	0.63 U	0.75 U
2-Hexanone	591-78-6	-	NR	NR	NR
4-Methyl-2-Pentanone	108-10-1	50	NR	NR	NR
Acetone	67-64-1	100	NR	NR	NR
Benzene	71-43-2	1	0.15 U	0.13 U	0.15 U
Bromodichloromethane	75-27-4	1	0.15 U	0.13 U	0.15 U
Bromoform	75-25-2	1	0.59 U	0.5 U	0.6 U
Bromomethane	74-83-9	1	0.74 U	0.63 U	0.75 U
Carbon Disulfide	75-15-0	-	NR	NR	NR
Carbon tetrachloride	56-23-5	1	0.29 U	0.25 U	0.3 U
Chlorobenzene	108-90-7	1	0.74 U	0.63 U	0.75 U
Chloroethane	75-00-3	-	0.74 U	0.63 U	0.75 U
Chloroform	67-66-3	1	0.74 U	0.63 U	0.75 U
Chloromethane	74-87-3	10	0.74 U	0.63 U	0.75 U
cis-1,2-Dichloroethene	156-59-2	1	0.74 U	0.63 U	0.75 U
cis-1,3-Dichloropropene	10061-01-5	-	0.74 U	0.63 U	0.75 U
Cyclohexane	110-82-7	-	NR	NR	NR
Dibromochloromethane	124-48-1	1	0.74 U	0.63 U	0.75 U
Dibromoethane	106-93-4	-	NR	NR	NR
Dichlorodifluoromethane	75-71-8	-	NR	NR	NR
Ethylbenzene	100-41-4	100	0.59 U	0.5 U	0.6 U
Isopropylbenzene	98-82-8	-	NR	NR	NR
Methyl Ethyl Ketone (MEK)	78-93-3	50	NR	NR	NR
Methyl Tertiary Butyl Ether (MTBE)	1634-04-4	-	NR	NR	NR
Methyl Acetate	79-20-9	-	NR	NR	NR
Methylcyclohexane	108-87-2	-	NR	NR	NR
Methylene Chloride	75-09-2	1	0.44 U	0.38 U	0.45 U
Styrene	100-42-5	23	NR	NR	NR
Tetrachloroethene	127-18-4	1	0.15 U	0.13 U	0.15 U
Toluene	108-88-3	500	0.74 U	0.63 U	0.75 U
Total Xylenes	1330-20-7	67	0.74 U	0.63 U	0.75 U
Trans-1,2-Dichloroethene	156-60-5	50	0.74 U	0.63 U	0.75 U
trans-1,3-Dichloropropene	10061-02-6	-	0.74 U	0.63 U	0.75 U
Trichloroethylene	79-01-6	1	0.15 U	0.13 U	0.15 U
Trichlorofluoromethane	75-69-4	-	0.74 U	0.63 U	0.75 U
Vinyl Chloride	75-01-4	2	0.74 U	0.63 U	0.75 U

NOTES:

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TABLE 1-B
Summary of Soil Analytical Results: Volatile Organic Compounds
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	OLF-1	OLF-2	OLF-3
			Sample ID	TRC-OLF1_8-10	TRC-OLF2_6-8	TRC-OLF3_6-8
			Lab ID	374547	374548	374549
			Sample Date	9/6/2002	9/6/2002	9/6/2002
			Depth Interval	8 - 10	6 - 8	6 - 8
1,1,1-Trichloroethane	71-55-6	50		1.3 U	1.4 U	1.4 U
1,1,2,2-Tetrachloroethane	79-34-5	1		1.3 U	1.4 U	1.4 U
1,1,2-Trichlorotrifluoroethane	76-13-1	-		1.3 U	1.4 U	1.4 U
1,1,2-Trichloroethane	79-00-5	1		1.3 U	1.4 U	1.4 U
1,1-Dichloroethane	75-34-3	10		1.3 U	1.4 U	1.4 U
1,1-Dichloroethene	75-35-4	8		1.3 U	1.4 U	1.4 U
1,2-Dibromo-3-Chloropropane	96-12-8	-		1.3 U	1.4 U	1.4 U
1,2-Dichloroethane	107-06-2	1		1.3 U	1.4 U	1.4 U
1,2-Dichloropropane	78-87-5	10		1.3 U	1.4 U	1.4 U
2-Chloroethyl Vinyl Ether	110-75-8	-		NR	NR	NR
2-Hexanone	591-78-6	-		1.3 U	1.4 U	1.4 U
4-Methyl-2-Pentanone	108-10-1	50		1.3 U	1.4 U	1.4 U
Acetone	67-64-1	100		1.3 U	1.4 U	1.4 U
Benzene	71-43-2	1		1.3 U	1.4 U	1.4 U
Bromodichloromethane	75-27-4	1		1.3 U	1.4 U	1.4 U
Bromoform	75-25-2	1		1.3 U	1.4 U	1.4 U
Bromomethane	74-83-9	1		1.3 U	1.4 U	1.4 U
Carbon Disulfide	75-15-0	-		1.3 U	1.4 U	1.4 U
Carbon tetrachloride	56-23-5	1		1.3 U	1.4 U	1.4 U
Chlorobenzene	108-90-7	1		1.3 U	1.4 U	1.4 U
Chloroethane	75-00-3	-		1.3 U	1.4 U	1.4 U
Chloroform	67-66-3	1		1.3 U	1.4 U	1.4 U
Chloromethane	74-87-3	10		1.3 U	1.4 U	1.4 U
cis-1,2-Dichloroethene	156-59-2	1		1.3 U	1.4 U	1.4 U
cis-1,3-Dichloropropene	10061-01-5	-		1.3 U	1.4 U	1.4 U
Cyclohexane	110-82-7	-		1.3 U	1.4 U	1.4 U
Dibromochloromethane	124-48-1	1		1.3 U	1.4 U	1.4 U
Dibromoethane	106-93-4	-		1.3 U	1.4 U	1.4 U
Dichlorodifluoromethane	75-71-8	-		1.3 U	1.4 U	1.4 U
Ethylbenzene	100-41-4	100		1.3 U	1.4 U	1.4 U
Isopropylbenzene	98-82-8	-		1.3 U	1.4 U	1.4 U
Methyl Ethyl Ketone (MEK)	78-93-3	50		1.3 U	1.4 U	1.4 U
Methyl Tertiary Butyl Ether (MTBE)	1634-04-4	-		1.3 U	1.4 U	1.4 U
Methyl Acetate	79-20-9	-		1.3 U	1.4 U	1.4 U
Methylcyclohexane	108-87-2	-		1.3 U	1.4 U	1.4 U
Methylene Chloride	75-09-2	1		1.3 U	1.4 U	1.4 U
Styrene	100-42-5	23		1.3 U	1.4 U	1.4 U
Tetrachloroethene	127-18-4	1		1.3 U	1.4 U	1.4 U
Toluene	108-88-3	500		1.3 U	1.4 U	1.4 U
Total Xylenes	1330-20-7	67		1.3 U	1.4 U	1.4 U
Trans-1,2-Dichloroethene	156-60-5	50		1.3 U	1.4 U	1.4 U
trans-1,3-Dichloropropene	10061-02-6	-		1.3 U	1.4 U	1.4 U
Trichloroethylene	79-01-6	1		1.3 U	1.4 U	1.4 U
Trichlorofluoromethane	75-69-4	-		1.3 U	1.4 U	1.4 U
Vinyl Chloride	75-01-4	2		1.3 U	1.4 U	1.4 U

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TABLE 1-B
Summary of Soil Analytical Results: Volatile Organic Compounds
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	OLF-5	OLF-7	OLF-8
			Sample ID	TRC_OLF-5-6-8	TRC_OLF-7-6-8	TRC_OLF-8-6-8
			Lab ID	375158	375160	375159
			Sample Date	9/9/2002	9/9/2002	9/9/2002
			Depth Interval	6 - 8	6 - 8	6 - 8
1,1,1-Trichloroethane	71-55-6	50		1.3 U	1.2 U	1.5 U
1,1,2,2-Tetrachloroethane	79-34-5	1		1.3 U	1.2 U	1.5 U
1,1,2-Trichlorotrifluoroethane	76-13-1	-		1.3 U	1.2 U	1.5 U
1,1,2-Trichloroethane	79-00-5	1		1.3 U	1.2 U	1.5 U
1,1-Dichloroethane	75-34-3	10		1.3 U	1.2 U	1.5 U
1,1-Dichloroethene	75-35-4	8		1.3 U	1.2 U	1.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	-		1.3 U	1.2 U	1.5 U
1,2-Dichloroethane	107-06-2	1		1.3 U	1.2 U	1.5 U
1,2-Dichloropropane	78-87-5	10		1.3 U	1.2 U	1.5 U
2-Chloroethyl Vinyl Ether	110-75-8	-		NR	NR	NR
2-Hexanone	591-78-6	-		1.3 U	1.2 U	1.5 U
4-Methyl-2-Pentanone	108-10-1	50		1.3 U	1.2 U	1.5 U
Acetone	67-64-1	100		1.3 U	1.2 U	1.5 U
Benzene	71-43-2	1		1.3 U	1.2 U	1.5 U
Bromodichloromethane	75-27-4	1		1.3 U	1.2 U	1.5 U
Bromoform	75-25-2	1		1.3 U	1.2 U	1.5 U
Bromomethane	74-83-9	1		1.3 U	1.2 U	1.5 U
Carbon Disulfide	75-15-0	-		1.3 U	1.2 U	1.5 U
Carbon tetrachloride	56-23-5	1		1.3 U	1.2 U	1.5 U
Chlorobenzene	108-90-7	1		1.3 U	1.2 U	1.5 U
Chloroethane	75-00-3	-		1.3 U	1.2 U	1.5 U
Chloroform	67-66-3	1		1.3 U	1.2 U	1.5 U
Chloromethane	74-87-3	10		1.3 U	1.2 U	1.5 U
cis-1,2-Dichloroethene	156-59-2	1		1.3 U	1.2 U	1.5 U
cis-1,3-Dichloropropene	10061-01-5	-		1.3 U	1.2 U	1.5 U
Cyclohexane	110-82-7	-		1.3 U	1.2 U	1.5 U
Dibromochloromethane	124-48-1	1		1.3 U	1.2 U	1.5 U
Dibromoethane	106-93-4	-		1.3 U	1.2 U	1.5 U
Dichlorodifluoromethane	75-71-8	-		1.3 U	1.2 U	1.5 U
Ethylbenzene	100-41-4	100		0.13 J	1.2 U	1.5 U
Isopropylbenzene	98-82-8	-		1.3 U	1.2 U	1.5 U
Methyl Ethyl Ketone (MEK)	78-93-3	50		1.3 U	1.2 U	1.5 U
Methyl Tertiary Butyl Ether (MTBE)	1634-04-4	-		1.3 U	1.2 U	1.5 U
Methyl Acetate	79-20-9	-		1.3 U	1.2 U	1.5 U
Methylcyclohexane	108-87-2	-		1.3 U	1.2 U	1.5 U
Methylene Chloride	75-09-2	1		1.3 U	1.2 U	1.5 U
Styrene	100-42-5	23		0.12 J	1.2 U	1.5 U
Tetrachloroethene	127-18-4	1		1.3 U	1.2 U	1.5 U
Toluene	108-88-3	500		1.3 U	1.2 U	1.5 U
Total Xylenes	1330-20-7	67		1.3 U	1.2 U	1.5 U
Trans-1,2-Dichloroethene	156-60-5	50		1.3 U	1.2 U	1.5 U
trans-1,3-Dichloropropene	10061-02-6	-		1.3 U	1.2 U	1.5 U
Trichloroethylene	79-01-6	1		1.3 U	1.2 U	1.5 U
Trichlorofluoromethane	75-69-4	-		1.3 U	1.2 U	1.5 U
Vinyl Chloride	75-01-4	2		1.3 U	1.2 U	1.5 U

NOTES:

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J - Indicates that the analyte was detected at a concentration less than the MDL and is

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TABLE 1-B
Summary of Soil Analytical Results: Volatile Organic Compounds
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	OLF-9	OLF-9	OLF-4
			Sample ID	TRC_OLF-9-25-27	TRC_OLF-9-6-8	TRC_OLF-4-40-42
			Lab ID	375162	375161	375704
			Sample Date	9/9/2002	9/9/2002	9/10/2002
			Depth Interval	25 - 27	6 - 8	40 - 42
1,1,1-Trichloroethane	71-55-6	50		1.4 U	1.4 U	1.4 U
1,1,2,2-Tetrachloroethane	79-34-5	1		1.4 U	1.4 U	1.4 U
1,1,2-Trichlorotrifluoroethane	76-13-1	-		1.4 U	1.4 U	1.4 U
1,1,2-Trichloroethane	79-00-5	1		1.4 U	1.4 U	1.4 U
1,1-Dichloroethane	75-34-3	10		1.4 U	1.4 U	1.4 U
1,1-Dichloroethene	75-35-4	8		1.4 U	1.4 U	1.4 U
1,2-Dibromo-3-Chloropropane	96-12-8	-		1.4 U	1.4 U	1.4 U
1,2-Dichloroethane	107-06-2	1		1.4 U	1.4 U	1.4 U
1,2-Dichloropropane	78-87-5	10		1.4 U	1.4 U	1.4 U
2-Chloroethyl Vinyl Ether	110-75-8	-		NR	NR	NR
2-Hexanone	591-78-6	-		1.4 U	1.4 U	1.4 U
4-Methyl-2-Pentanone	108-10-1	50		1.4 U	1.4 U	1.4 U
Acetone	67-64-1	100		1.4 U	1.4 U	1.4 U
Benzene	71-43-2	1		1.4 U	1.4 U	1.4 U
Bromodichloromethane	75-27-4	1		1.4 U	1.4 U	1.4 U
Bromoform	75-25-2	1		1.4 U	1.4 U	1.4 U
Bromomethane	74-83-9	1		1.4 U	1.4 U	1.4 U
Carbon Disulfide	75-15-0	-		1.4 U	1.4 U	1.4 U
Carbon tetrachloride	56-23-5	1		1.4 U	1.4 U	1.4 U
Chlorobenzene	108-90-7	1		1.4 U	1.4 U	1.4 U
Chloroethane	75-00-3	-		1.4 U	1.4 U	1.4 U
Chloroform	67-66-3	1		1.4 U	1.4 U	1.4 U
Chloromethane	74-87-3	10		1.4 U	1.4 U	1.4 U
cis-1,2-Dichloroethene	156-59-2	1		1.4 U	1.4 U	1.4 U
cis-1,3-Dichloropropene	10061-01-5	-		1.4 U	1.4 U	1.4 U
Cyclohexane	110-82-7	-		1.4 U	1.4 U	1.4 U
Dibromochloromethane	124-48-1	1		1.4 U	1.4 U	1.4 U
Dibromoethane	106-93-4	-		1.4 U	1.4 U	1.4 U
Dichlorodifluoromethane	75-71-8	-		1.4 U	1.4 U	1.4 U
Ethylbenzene	100-41-4	100		1.4 U	1.4 U	1.4 U
Isopropylbenzene	98-82-8	-		1.4 U	1.4 U	1.4 U
Methyl Ethyl Ketone (MEK)	78-93-3	50		1.4 U	1.4 U	1.4 U
Methyl Tertiary Butyl Ether (MTBE)	1634-04-4	-		1.4 U	1.4 U	1.4 U
Methyl Acetate	79-20-9	-		1.4 U	1.4 U	1.4 U
Methylcyclohexane	108-87-2	-		1.4 U	1.4 U	1.4 U
Methylene Chloride	75-09-2	1		1.4 U	1.4 U	1.4 U
Styrene	100-42-5	23		1.4 U	1.4 U	1.4 U
Tetrachloroethene	127-18-4	1		0.15 J	1.4 U	1.4 U
Toluene	108-88-3	500		0.1 J	1.4 U	1.4 U
Total Xylenes	1330-20-7	67		0.38 J	1.4 U	1.4 U
Trans-1,2-Dichloroethene	156-60-5	50		1.4 U	1.4 U	1.4 U
trans-1,3-Dichloropropene	10061-02-6	-		1.4 U	1.4 U	1.4 U
Trichloroethylene	79-01-6	1		1.4 U	1.4 U	1.4 U
Trichlorofluoromethane	75-69-4	-		1.4 U	1.4 U	1.4 U
Vinyl Chloride	75-01-4	2		1.4 U	1.4 U	1.4 U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

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U - Indicates that the analyte was not detected at the MDL.

J - Indicates that the analyte was detected at a concentration less than the MDL and is

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-B
Summary of Soil Analytical Results: Volatile Organic Compounds
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	OLF-4	OLF-6	OLF-6
			Sample ID	TRC_OLF-4-4-6	TRC_OLF-6-30-32	TRC_OLF-6-6-8
			Lab ID	375703	375702	375701
			Sample Date	9/10/2002	9/10/2002	9/10/2002
			Depth Interval	4 - 6	30 - 32	6 - 8
1,1,1-Trichloroethane	71-55-6	50		1.4 U	1.6 U	1.4 U
1,1,2,2-Tetrachloroethane	79-34-5	1		1.4 U	1.6 U	1.4 U
1,1,2-Trichlorotrifluoroethane	76-13-1	-		1.4 U	1.6 U	1.4 U
1,1,2-Trichloroethane	79-00-5	1		1.4 U	1.6 U	1.4 U
1,1-Dichloroethane	75-34-3	10		1.4 U	1.6 U	1.4 U
1,1-Dichloroethene	75-35-4	8		1.4 U	1.6 U	1.4 U
1,2-Dibromo-3-Chloropropane	96-12-8	-		1.4 U	1.6 U	1.4 U
1,2-Dichloroethane	107-06-2	1		1.4 U	1.6 U	1.4 U
1,2-Dichloropropane	78-87-5	10		1.4 U	1.6 U	1.4 U
2-Chloroethyl Vinyl Ether	110-75-8	-		NR	NR	NR
2-Hexanone	591-78-6	-		1.4 U	1.6 U	1.4 U
4-Methyl-2-Pentanone	108-10-1	50		1.4 U	1.6 U	1.4 U
Acetone	67-64-1	100		1.4 U	1.6 U	1.4 U
Benzene	71-43-2	1		1.4 U	1.6 U	1.4 U
Bromodichloromethane	75-27-4	1		1.4 U	1.6 U	1.4 U
Bromoform	75-25-2	1		1.4 U	1.6 U	1.4 U
Bromomethane	74-83-9	1		1.4 U	1.6 U	1.4 U
Carbon Disulfide	75-15-0	-		1.4 U	1.6 U	1.4 U
Carbon tetrachloride	56-23-5	1		1.4 U	1.6 U	1.4 U
Chlorobenzene	108-90-7	1		1.4 U	1.6 U	1.4 U
Chloroethane	75-00-3	-		1.4 U	1.6 U	1.4 U
Chloroform	67-66-3	1		1.4 U	1.6 U	1.4 U
Chloromethane	74-87-3	10		1.4 U	1.6 U	1.4 U
cis-1,2-Dichloroethene	156-59-2	1		1.4 U	1.6 U	1.4 U
cis-1,3-Dichloropropene	10061-01-5	-		1.4 U	1.6 U	1.4 U
Cyclohexane	110-82-7	-		1.4 U	1.6 U	1.4 U
Dibromochloromethane	124-48-1	1		1.4 U	1.6 U	1.4 U
Dibromoethane	106-93-4	-		1.4 U	1.6 U	1.4 U
Dichlorodifluoromethane	75-71-8	-		1.4 U	1.6 U	1.4 U
Ethylbenzene	100-41-4	100		1.4 U	1.6 U	1.4 U
Isopropylbenzene	98-82-8	-		1.4 U	1.6 U	1.4 U
Methyl Ethyl Ketone (MEK)	78-93-3	50		1.4 U	1.6 U	1.4 U
Methyl Tertiary Butyl Ether (MTBE)	1634-04-4	-		1.4 U	1.6 U	1.4 U
Methyl Acetate	79-20-9	-		1.4 U	1.6 U	1.4 U
Methylcyclohexane	108-87-2	-		1.4 U	1.6 U	1.4 U
Methylene Chloride	75-09-2	1		1.4 U	1.6 U	1.4 U
Styrene	100-42-5	23		1.4 U	1.6 U	1.4 U
Tetrachloroethene	127-18-4	1		1.4 U	1.6 U	1.4 U
Toluene	108-88-3	500		1.4 U	1.6 U	0.15 J
Total Xylenes	1330-20-7	67		0.22 J	1.6 U	1.4 U
Trans-1,2-Dichloroethene	156-60-5	50		1.4 U	1.6 U	1.4 U
trans-1,3-Dichloropropene	10061-02-6	-		1.4 U	1.6 U	1.4 U
Trichloroethylene	79-01-6	1		1.4 U	1.6 U	1.4 U
Trichlorofluoromethane	75-69-4	-		1.4 U	1.6 U	1.4 U
Vinyl Chloride	75-01-4	2		1.4 U	1.6 U	1.4 U

NOTES:

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TABLE 1-B
Summary of Soil Analytical Results: Volatile Organic Compounds
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

		Location ID Sample ID Lab ID Sample Date Depth Interval	OLF-7 TRC_OLF-7-29-31 375165 9/10/2002 29 - 31	TP1 TRC_TP1_6-8 376245 9/12/2002 6 - 8	TP2 TRC_TP2_6-8 376246 9/12/2002 6 - 8
Analyte	CAS-RN	MSSCC			
1,1,1-Trichloroethane	71-55-6	50	1.5 U	1.3 U	1.4 U
1,1,2,2-Tetrachloroethane	79-34-5	1	1.5 U	1.3 U	1.4 U
1,1,2-Trichlorotrifluoroethane	76-13-1	-	1.5 U	1.3 U	1.4 U
1,1,2-Trichloroethane	79-00-5	1	1.5 U	1.3 U	1.4 U
1,1-Dichloroethane	75-34-3	10	1.5 U	1.3 U	1.4 U
1,1-Dichloroethene	75-35-4	8	1.5 U	1.3 U	1.4 U
1,2-Dibromo-3-Chloropropane	96-12-8	-	1.5 U	1.3 U	1.4 U
1,2-Dichloroethane	107-06-2	1	1.5 U	1.3 U	1.4 U
1,2-Dichloropropane	78-87-5	10	1.5 U	1.3 U	1.4 U
2-Chloroethyl Vinyl Ether	110-75-8	-	NR	NR	NR
2-Hexanone	591-78-6	-	1.5 U	1.3 U	1.4 U
4-Methyl-2-Pentanone	108-10-1	50	1.5 U	1.3 U	1.4 U
Acetone	67-64-1	100	1.5 U	1.3 U	1.4 U
Benzene	71-43-2	1	1.5 U	1.3 U	1.4 U
Bromodichloromethane	75-27-4	1	1.5 U	1.3 U	1.4 U
Bromoform	75-25-2	1	1.5 U	1.3 U	1.4 U
Bromomethane	74-83-9	1	1.5 U	1.3 U	1.4 U
Carbon Disulfide	75-15-0	-	1.5 U	1.3 U	1.4 U
Carbon tetrachloride	56-23-5	1	1.5 U	1.3 U	1.4 U
Chlorobenzene	108-90-7	1	1.5 U	1.3 U	1.4 U
Chloroethane	75-00-3	-	1.5 U	1.3 U	1.4 U
Chloroform	67-66-3	1	1.5 U	1.3 U	1.4 U
Chloromethane	74-87-3	10	1.5 U	1.3 U	1.4 U
cis-1,2-Dichloroethene	156-59-2	1	1.5 U	1.3 U	1.4 U
cis-1,3-Dichloropropene	10061-01-5	-	1.5 U	1.3 U	1.4 U
Cyclohexane	110-82-7	-	1.5 U	1.3 U	1.4 U
Dibromochloromethane	124-48-1	1	1.5 U	1.3 U	1.4 U
Dibromoethane	106-93-4	-	1.5 U	1.3 U	1.4 U
Dichlorodifluoromethane	75-71-8	-	1.5 U	1.3 U	1.4 U
Ethylbenzene	100-41-4	100	1.5 U	1.3 U	1.4 U
Isopropylbenzene	98-82-8	-	1.5 U	1.3 U	1.4 U
Methyl Ethyl Ketone (MEK)	78-93-3	50	1.5 U	1.3 U	1.4 U
Methyl Tertiary Butyl Ether (MTBE)	1634-04-4	-	1.5 U	1.3 U	1.4 U
Methyl Acetate	79-20-9	-	1.5 U	1.3 U	1.4 U
Methylcyclohexane	108-87-2	-	1.5 U	1.3 U	1.4 U
Methylene Chloride	75-09-2	1	1.5 U	1.3 U	1.4 U
Styrene	100-42-5	23	1.5 U	1.3 U	1.4 U
Tetrachloroethene	127-18-4	1	1.5 U	1.3 U	1.4 U
Toluene	108-88-3	500	1.5 U	1.3 U	1.4 U
Total Xylenes	1330-20-7	67	1.5 U	1.3 U	1.4 U
Trans-1,2-Dichloroethene	156-60-5	50	1.5 U	1.3 U	1.4 U
trans-1,3-Dichloropropene	10061-02-6	-	1.5 U	1.3 U	1.4 U
Trichloroethylene	79-01-6	1	1.5 U	1.3 U	1.4 U
Trichlorofluoromethane	75-69-4	-	1.5 U	1.3 U	1.4 U
Vinyl Chloride	75-01-4	2	1.5 U	1.3 U	1.4 U

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TABLE 1-B
Summary of Soil Analytical Results: Volatile Organic Compounds
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	TP3	TP4	TP5
			Sample ID	TRC_TP3_6-8	TRC_TP4_6-8	TRC_TP5_6-8
			Lab ID	376247	376248	376249
			Sample Date	9/12/2002	9/12/2002	9/12/2002
			Depth Interval	6 - 8	6 - 8	6 - 8
1,1,1-Trichloroethane	71-55-6	50		1.4 U	1.2 U	1.3 U
1,1,2,2-Tetrachloroethane	79-34-5	1		1.4 U	1.2 U	1.3 U
1,1,2-Trichlorotrifluoroethane	76-13-1	-		1.4 U	1.2 U	1.3 U
1,1,2-Trichloroethane	79-00-5	1		1.4 U	1.2 U	1.3 U
1,1-Dichloroethane	75-34-3	10		1.4 U	1.2 U	1.3 U
1,1-Dichloroethene	75-35-4	8		1.4 U	1.2 U	1.3 U
1,2-Dibromo-3-Chloropropane	96-12-8	-		1.4 U	1.2 U	1.3 U
1,2-Dichloroethane	107-06-2	1		1.4 U	1.2 U	1.3 U
1,2-Dichloropropane	78-87-5	10		1.4 U	1.2 U	1.3 U
2-Chloroethyl Vinyl Ether	110-75-8	-		NR	NR	NR
2-Hexanone	591-78-6	-		1.4 U	1.2 U	1.3 U
4-Methyl-2-Pentanone	108-10-1	50		1.4 U	1.2 U	1.3 U
Acetone	67-64-1	100		1.4 U	1.2 U	1.3 U
Benzene	71-43-2	1		1.4 U	1.2 U	1.3 U
Bromodichloromethane	75-27-4	1		1.4 U	1.2 U	1.3 U
Bromoform	75-25-2	1		1.4 U	1.2 U	1.3 U
Bromomethane	74-83-9	1		1.4 U	1.2 U	1.3 U
Carbon Disulfide	75-15-0	-		1.4 U	1.2 U	1.3 U
Carbon tetrachloride	56-23-5	1		1.4 U	1.2 U	1.3 U
Chlorobenzene	108-90-7	1		1.4 U	1.2 U	1.3 U
Chloroethane	75-00-3	-		1.4 U	1.2 U	1.3 U
Chloroform	67-66-3	1		1.4 U	1.2 U	1.3 U
Chloromethane	74-87-3	10		1.4 U	1.2 U	1.3 U
cis-1,2-Dichloroethene	156-59-2	1		1.4 U	1.2 U	1.3 U
cis-1,3-Dichloropropene	10061-01-5	-		1.4 U	1.2 U	1.3 U
Cyclohexane	110-82-7	-		1.4 U	1.2 U	1.3 U
Dibromochloromethane	124-48-1	1		1.4 U	1.2 U	1.3 U
Dibromoethane	106-93-4	-		1.4 U	1.2 U	1.3 U
Dichlorodifluoromethane	75-71-8	-		1.4 U	1.2 U	1.3 U
Ethylbenzene	100-41-4	100		1.4 U	1.2 U	1.3 U
Isopropylbenzene	98-82-8	-		1.4 U	1.2 U	1.3 U
Methyl Ethyl Ketone (MEK)	78-93-3	50		1.4 U	1.2 U	1.3 U
Methyl Tertiary Butyl Ether (MTBE)	1634-04-4	-		1.4 U	1.2 U	1.3 U
Methyl Acetate	79-20-9	-		1.4 U	1.2 U	1.3 U
Methylcyclohexane	108-87-2	-		1.4 U	1.2 U	1.3 U
Methylene Chloride	75-09-2	1		1.4 U	1.2 U	1.3 U
Styrene	100-42-5	23		1.4 U	1.2 U	1.3 U
Tetrachloroethene	127-18-4	1		1.4 U	1.2 U	1.3 U
Toluene	108-88-3	500		1.4 U	1.2 U	1.3 U
Total Xylenes	1330-20-7	67		1.4 U	1.2 U	1.3 U
Trans-1,2-Dichloroethene	156-60-5	50		1.4 U	1.2 U	1.3 U
trans-1,3-Dichloropropene	10061-02-6	-		1.4 U	1.2 U	1.3 U
Trichloroethylene	79-01-6	1		1.4 U	1.2 U	1.3 U
Trichlorofluoromethane	75-69-4	-		1.4 U	1.2 U	1.3 U
Vinyl Chloride	75-01-4	2		1.4 U	1.2 U	1.3 U

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TABLE 1-B
Summary of Soil Analytical Results: Volatile Organic Compounds
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

		Location ID Sample ID Lab ID Sample Date Depth Interval	TP6 TRC_TP6_6-8 376250 9/12/2002 6 - 8	OLF-1 T-OLF-1 N21735-1 9/6/2002 8 - 10	OLF-2 T-OLF-2 N21735-2 9/6/2002 6 - 8
Analyte	CAS-RN	MSSCC			
1,1,1-Trichloroethane	71-55-6	50	1.3 U	0.006 U	0.005 U
1,1,2,2-Tetrachloroethane	79-34-5	1	1.3 U	0.006 U	0.005 U
1,1,2-Trichlorotrifluoroethane	76-13-1	-	1.3 U	0.006 U	0.005 U
1,1,2-Trichloroethane	79-00-5	1	1.3 U	0.006 U	0.005 U
1,1-Dichloroethane	75-34-3	10	1.3 U	0.006 U	0.005 U
1,1-Dichloroethene	75-35-4	8	1.3 U	0.006 U	0.005 U
1,2-Dibromo-3-Chloropropane	96-12-8	-	1.3 U	0.006 U	0.005 U
1,2-Dichloroethane	107-06-2	1	1.3 U	0.006 U	0.005 U
1,2-Dichloropropane	78-87-5	10	1.3 U	0.006 U	0.005 U
2-Chloroethyl Vinyl Ether	110-75-8	-	NR	NR	NR
2-Hexanone	591-78-6	-	1.3 U	0.006 U	0.005 U
4-Methyl-2-Pentanone	108-10-1	50	1.3 U	0.006 U	0.005 U
Acetone	67-64-1	100	1.3 U	0.018	0.052
Benzene	71-43-2	1	1.3 U	0.006 U	0.007 J
Bromodichloromethane	75-27-4	1	1.3 U	0.006 U	0.005 U
Bromoform	75-25-2	1	1.3 U	0.006 U	0.005 U
Bromomethane	74-83-9	1	1.3 U	0.006 U	0.005 U
Carbon Disulfide	75-15-0	-	1.3 U	0.006 U	0.005 U
Carbon tetrachloride	56-23-5	1	1.3 U	0.006 U	0.005 U
Chlorobenzene	108-90-7	1	1.3 U	0.006 U	0.005 U
Chloroethane	75-00-3	-	1.3 U	0.006 U	0.005 U
Chloroform	67-66-3	1	1.3 U	0.006 U	0.005 U
Chloromethane	74-87-3	10	1.3 U	0.006 U	0.005 U
cis-1,2-Dichloroethene	156-59-2	1	1.3 U	0.006 U	0.005 U
cis-1,3-Dichloropropene	10061-01-5	-	1.3 U	0.006 U	0.005 U
Cyclohexane	110-82-7	-	1.3 U	0.006 U	0.005 U
Dibromochloromethane	124-48-1	1	1.3 U	0.006 U	0.005 U
Dibromoethane	106-93-4	-	1.3 U	0.006 U	0.005 U
Dichlorodifluoromethane	75-71-8	-	1.3 U	0.006 U	0.005 U
Ethylbenzene	100-41-4	100	1.3 U	0.006 U	0.005 U
Isopropylbenzene	98-82-8	-	1.3 U	0.006 U	0.005 U
Methyl Ethyl Ketone (MEK)	78-93-3	50	1.3 U	0.006 U	0.005 U
Methyl Tertiary Butyl Ether (MTBE)	1634-04-4	-	1.3 U	0.006 J	0.002 J
Methyl Acetate	79-20-9	-	1.3 U	0.006 U	0.005 U
Methylcyclohexane	108-87-2	-	1.3 U	0.006 U	0.005 U
Methylene Chloride	75-09-2	1	1.3 U	0.006 U	0.005 U
Styrene	100-42-5	23	1.3 U	0.006 U	0.005 U
Tetrachloroethene	127-18-4	1	1.3 U	0.006 U	0.005 U
Toluene	108-88-3	500	1.3 U	0.006 U	0.005 U
Total Xylenes	1330-20-7	67	1.3 U	0.006 U	0.005 U
Trans-1,2-Dichloroethene	156-60-5	50	1.3 U	0.006 U	0.005 U
trans-1,3-Dichloropropene	10061-02-6	-	1.3 U	0.006 U	0.005 U
Trichloroethylene	79-01-6	1	1.3 U	0.006 U	0.005 U
Trichlorofluoromethane	75-69-4	-	1.3 U	0.006 U	0.005 U
Vinyl Chloride	75-01-4	2	1.3 U	0.006 U	0.005 U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND - Indicates that the analyte was not detected at the Method Detection Level (MDL); MDL is not available in the historical document reporting analysis.

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Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-B
Summary of Soil Analytical Results: Volatile Organic Compounds
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

		Location ID	OLF-3	OLF-5	OLF-7
	CAS-RN	Sample ID	T-OLF-3	T-OLF-5	T-OLF-7
		Lab ID	N21735-3	N21735-9	N21735-12
		Sample Date	9/6/2002	9/9/2002	9/9/2002
		Depth Interval	6 - 8	6 - 8	6 - 8
Analyte		MSSCC			
1,1,1-Trichloroethane	71-55-6	50	0.006 U	0.006 U	0.007 U
1,1,2,2-Tetrachloroethane	79-34-5	1	0.006 U	0.006 U	0.007 U
1,1,2-Trichlorotrifluoroethane	76-13-1	-	0.006 U	0.006 U	0.007 U
1,1,2-Trichloroethane	79-00-5	1	0.006 U	0.006 U	0.007 U
1,1-Dichloroethane	75-34-3	10	0.006 U	0.006 U	0.007 U
1,1-Dichloroethene	75-35-4	8	0.006 U	0.006 U	0.007 U
1,2-Dibromo-3-Chloropropane	96-12-8	-	0.006 U	0.006 U	0.007 U
1,2-Dichloroethane	107-06-2	1	0.006 U	0.006 U	0.007 U
1,2-Dichloropropane	78-87-5	10	0.006 U	0.006 U	0.007 U
2-Chloroethyl Vinyl Ether	110-75-8	-	NR	NR	NR
2-Hexanone	591-78-6	-	0.006 U	0.006 U	0.007 U
4-Methyl-2-Pentanone	108-10-1	50	0.006 U	0.006 U	0.007 U
Acetone	67-64-1	100	0.007	0.084	0.017
Benzene	71-43-2	1	0.006 U	0.002 J	0.007 U
Bromodichloromethane	75-27-4	1	0.006 U	0.006 U	0.007 U
Bromoform	75-25-2	1	0.006 U	0.006 U	0.007 U
Bromomethane	74-83-9	1	0.006 U	0.006 U	0.007 U
Carbon Disulfide	75-15-0	-	0.006 U	0.006 U	0.007 U
Carbon tetrachloride	56-23-5	1	0.006 U	0.006 U	0.007 U
Chlorobenzene	108-90-7	1	0.006 U	0.006 U	0.007 U
Chloroethane	75-00-3	-	0.006 U	0.006 U	0.007 U
Chloroform	67-66-3	1	0.006 U	0.006 U	0.007 U
Chloromethane	74-87-3	10	0.006 U	0.006 U	0.007 U
cis-1,2-Dichloroethene	156-59-2	1	0.006 U	0.006 U	0.007 U
cis-1,3-Dichloropropene	10061-01-5	-	0.006 U	0.006 U	0.007 U
Cyclohexane	110-82-7	-	0.006 U	0.006 U	0.007 U
Dibromochloromethane	124-48-1	1	0.006 U	0.006 U	0.007 U
Dibromoethane	106-93-4	-	0.006 U	0.006 U	0.007 U
Dichlorodifluoromethane	75-71-8	-	0.006 U	0.006 U	0.007 U
Ethylbenzene	100-41-4	100	0.006 U	0.007 J	0.007 U
Isopropylbenzene	98-82-8	-	0.006 U	0.006 U	0.007 U
Methyl Ethyl Ketone (MEK)	78-93-3	50	0.006 U	0.006 U	0.007 U
Methyl Tertiary Butyl Ether (MTBE)	1634-04-4	-	0.005 J	0.001 J	0.007 U
Methyl Acetate	79-20-9	-	0.006 U	0.006 U	0.007 U
Methylcyclohexane	108-87-2	-	0.006 U	0.006 U	0.007 U
Methylene Chloride	75-09-2	1	0.006 U	0.006 U	0.007 U
Styrene	100-42-5	23	0.006 U	0.006 U	0.007 U
Tetrachloroethene	127-18-4	1	0.006 U	0.006 U	0.007 U
Toluene	108-88-3	500	0.006 U	0.007 J	0.007 U
Total Xylenes	1330-20-7	67	0.006 U	0.006 U	0.007 U
Trans-1,2-Dichloroethene	156-60-5	50	0.006 U	0.006 U	0.007 U
trans-1,3-Dichloropropene	10061-02-6	-	0.006 U	0.006 U	0.007 U
Trichloroethylene	79-01-6	1	0.006 U	0.006 U	0.007 U
Trichlorofluoromethane	75-69-4	-	0.006 U	0.006 U	0.007 U
Vinyl Chloride	75-01-4	2	0.006 U	0.006 U	0.007 U

NOTES:

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TABLE 1-B
Summary of Soil Analytical Results: Volatile Organic Compounds
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

		Location ID Sample ID Lab ID Sample Date Depth Interval	OLF-8 T-OLF-8 N21735-6 9/9/2002 8 - 10	OLF-9 T-OLF-9 N21735-7 9/9/2002 6 - 8	OLF-9 T-OLF-9B N21735-8 9/9/2002 25 - 27
Analyte	CAS-RN	MSSCC			
1,1,1-Trichloroethane	71-55-6	50	0.005 U	0.58 U	0.006 U
1,1,2,2-Tetrachloroethane	79-34-5	1	0.005 U	0.58 U	0.006 U
1,1,2-Trichlorotrifluoroethane	76-13-1	-	0.005 U	0.58 U	0.006 U
1,1,2-Trichloroethane	79-00-5	1	0.005 U	0.58 U	0.006 U
1,1-Dichloroethane	75-34-3	10	0.005 U	0.58 U	0.006 U
1,1-Dichloroethene	75-35-4	8	0.005 U	0.58 U	0.006 U
1,2-Dibromo-3-Chloropropane	96-12-8	-	0.005 U	0.58 U	0.006 U
1,2-Dichloroethane	107-06-2	1	0.005 U	0.58 U	0.006 U
1,2-Dichloropropane	78-87-5	10	0.005 U	0.58 U	0.006 U
2-Chloroethyl Vinyl Ether	110-75-8	-	NR	NR	NR
2-Hexanone	591-78-6	-	0.005 U	0.58 U	0.006 U
4-Methyl-2-Pentanone	108-10-1	50	0.005 U	0.58 U	0.006 U
Acetone	67-64-1	100	0.1	0.58 U	0.1
Benzene	71-43-2	1	0.001 J	0.58 U	0.0009 J
Bromodichloromethane	75-27-4	1	0.005 U	0.58 U	0.006 U
Bromoform	75-25-2	1	0.005 U	0.58 U	0.006 U
Bromomethane	74-83-9	1	0.005 U	0.58 U	0.006 U
Carbon Disulfide	75-15-0	-	0.005 U	0.58 U	0.006 U
Carbon tetrachloride	56-23-5	1	0.005 U	0.58 U	0.006 U
Chlorobenzene	108-90-7	1	0.005 U	0.58 U	0.006 U
Chloroethane	75-00-3	-	0.005 U	0.58 U	0.006 U
Chloroform	67-66-3	1	0.005 U	0.58 U	0.006 U
Chloromethane	74-87-3	10	0.005 U	0.58 U	0.004 J
cis-1,2-Dichloroethene	156-59-2	1	0.005 U	0.58 U	0.006 U
cis-1,3-Dichloropropene	10061-01-5	-	0.005 U	0.58 U	0.006 U
Cyclohexane	110-82-7	-	0.005 U	0.58 U	0.006 U
Dibromochloromethane	124-48-1	1	0.005 U	0.58 U	0.006 U
Dibromoethane	106-93-4	-	0.005 U	0.58 U	0.006 U
Dichlorodifluoromethane	75-71-8	-	0.005 U	0.58 U	0.006 U
Ethylbenzene	100-41-4	100	0.005 U	0.58 U	0.006 U
Isopropylbenzene	98-82-8	-	0.005 U	0.58 U	0.006 U
Methyl Ethyl Ketone (MEK)	78-93-3	50	0.008	0.58 U	0.006 U
Methyl Tertiary Butyl Ether (MTBE)	1634-04-4	-	0.004 J	0.58 U	0.006 U
Methyl Acetate	79-20-9	-	0.005 U	0.58 U	0.006 U
Methylcyclohexane	108-87-2	-	0.005 U	0.58 U	0.006 U
Methylene Chloride	75-09-2	1	0.005 U	0.58 U	0.006 U
Styrene	100-42-5	23	0.005 U	0.58 U	0.006 U
Tetrachloroethene	127-18-4	1	0.005 U	0.58 U	0.004 J
Toluene	108-88-3	500	0.007 J	0.58 U	0.008 J
Total Xylenes	1330-20-7	67	0.005 U	0.58 U	0.003 J
Trans-1,2-Dichloroethene	156-60-5	50	0.005 U	0.58 U	0.006 U
trans-1,3-Dichloropropene	10061-02-6	-	0.005 U	0.58 U	0.006 U
Trichloroethylene	79-01-6	1	0.005 U	0.58 U	0.006 U
Trichlorofluoromethane	75-69-4	-	0.005 U	0.58 U	0.006 U
Vinyl Chloride	75-01-4	2	0.005 U	0.58 U	0.006 U

NOTES:

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TABLE 1-B
Summary of Soil Analytical Results: Volatile Organic Compounds
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

		Location ID	OLF-4	OLF-4	OLF-4
	CAS-RN	Sample ID	T-OLF-4	T-OLF-4A	T-OLF-4B
		Lab ID	N21735-23	N21735-24	N21735-26
		Sample Date	9/10/2002	9/10/2002	9/10/2002
		Depth Interval	6 - 8	6 - 8	40 - 42
Analyte		MSSCC			
1,1,1-Trichloroethane	71-55-6	50	0.005 U	0.006 U	0.006 U
1,1,2,2-Tetrachloroethane	79-34-5	1	0.005 U	0.006 U	0.006 U
1,1,2-Trichlorotrifluoroethane	76-13-1	-	0.005 U	0.006 U	0.006 U
1,1,2-Trichloroethane	79-00-5	1	0.005 U	0.006 U	0.006 U
1,1-Dichloroethane	75-34-3	10	0.005 U	0.006 U	0.006 U
1,1-Dichloroethene	75-35-4	8	0.005 U	0.006 U	0.006 U
1,2-Dibromo-3-Chloropropane	96-12-8	-	0.005 U	0.006 U	0.006 U
1,2-Dichloroethane	107-06-2	1	0.005 U	0.006 U	0.006 U
1,2-Dichloropropane	78-87-5	10	0.005 U	0.006 U	0.006 U
2-Chloroethyl Vinyl Ether	110-75-8	-	NR	NR	NR
2-Hexanone	591-78-6	-	0.005 U	0.006 U	0.006 U
4-Methyl-2-Pentanone	108-10-1	50	0.005 U	0.006 U	0.006 U
Acetone	67-64-1	100	0.015	0.024	0.006
Benzene	71-43-2	1	0.005 U	0.009 J	0.006 U
Bromodichloromethane	75-27-4	1	0.005 U	0.006 U	0.006 U
Bromoform	75-25-2	1	0.005 U	0.006 U	0.006 U
Bromomethane	74-83-9	1	0.005 U	0.006 U	0.006 U
Carbon Disulfide	75-15-0	-	0.005 U	0.006 U	0.006 U
Carbon tetrachloride	56-23-5	1	0.005 U	0.006 U	0.006 U
Chlorobenzene	108-90-7	1	0.005 U	0.006 U	0.006 U
Chloroethane	75-00-3	-	0.005 U	0.006 U	0.006 U
Chloroform	67-66-3	1	0.005 U	0.006 U	0.006 U
Chloromethane	74-87-3	10	0.005 U	0.006 U	0.006 U
cis-1,2-Dichloroethene	156-59-2	1	0.005 U	0.006 U	0.006 U
cis-1,3-Dichloropropene	10061-01-5	-	0.005 U	0.006 U	0.006 U
Cyclohexane	110-82-7	-	0.005 U	0.006 U	0.006 U
Dibromochloromethane	124-48-1	1	0.005 U	0.006 U	0.006 U
Dibromoethane	106-93-4	-	0.005 U	0.006 U	0.006 U
Dichlorodifluoromethane	75-71-8	-	0.005 U	0.006 U	0.006 U
Ethylbenzene	100-41-4	100	0.005 U	0.006 U	0.006 U
Isopropylbenzene	98-82-8	-	0.005 U	0.006 U	0.006 U
Methyl Ethyl Ketone (MEK)	78-93-3	50	0.005 U	0.006 U	0.006 U
Methyl Tertiary Butyl Ether (MTBE)	1634-04-4	-	0.009 J	0.009 J	0.006 U
Methyl Acetate	79-20-9	-	0.005 U	0.006 U	0.006 U
Methylcyclohexane	108-87-2	-	0.005 U	0.006 U	0.006 U
Methylene Chloride	75-09-2	1	0.005 U	0.006 U	0.009 J
Styrene	100-42-5	23	0.005 U	0.006 U	0.006 U
Tetrachloroethene	127-18-4	1	0.005 U	0.006 U	0.006 U
Toluene	108-88-3	500	0.005 U	0.006 U	0.006 U
Total Xylenes	1330-20-7	67	0.005 U	0.006 U	0.006 U
Trans-1,2-Dichloroethene	156-60-5	50	0.005 U	0.006 U	0.006 U
trans-1,3-Dichloropropene	10061-02-6	-	0.005 U	0.006 U	0.006 U
Trichloroethylene	79-01-6	1	0.005 U	0.006 U	0.006 U
Trichlorofluoromethane	75-69-4	-	0.005 U	0.006 U	0.006 U
Vinyl Chloride	75-01-4	2	0.005 U	0.006 U	0.006 U

NOTES:

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Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-B
Summary of Soil Analytical Results: Volatile Organic Compounds
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

		Location ID Sample ID Lab ID Sample Date Depth Interval	OLF-6 T-OLF-6 N21735-21 9/10/2002 6 - 8	OLF-6 T-OLF-6B N21735-22 9/10/2002 30 - 32	OLF-7 T-OLF-7 N21735-20 9/10/2002 29 - 31
Analyte	CAS-RN	MSSCC			
1,1,1-Trichloroethane	71-55-6	50	0.007 U	0.007 U	0.008 U
1,1,2,2-Tetrachloroethane	79-34-5	1	0.007 U	0.007 U	0.008 U
1,1,2-Trichlorotrifluoroethane	76-13-1	-	0.007 U	0.007 U	0.008 U
1,1,2-Trichloroethane	79-00-5	1	0.007 U	0.007 U	0.008 U
1,1-Dichloroethane	75-34-3	10	0.007 U	0.007 U	0.008 U
1,1-Dichloroethene	75-35-4	8	0.007 U	0.007 U	0.008 U
1,2-Dibromo-3-Chloropropane	96-12-8	-	0.007 U	0.007 U	0.008 U
1,2-Dichloroethane	107-06-2	1	0.007 U	0.007 U	0.008 U
1,2-Dichloropropane	78-87-5	10	0.007 U	0.007 U	0.008 U
2-Chloroethyl Vinyl Ether	110-75-8	-	NR	NR	NR
2-Hexanone	591-78-6	-	0.007 U	0.007 U	0.008 U
4-Methyl-2-Pentanone	108-10-1	50	0.007 U	0.007 U	0.008 U
Acetone	67-64-1	100	0.017	0.009	0.097
Benzene	71-43-2	1	0.007 U	0.007 U	0.008 U
Bromodichloromethane	75-27-4	1	0.007 U	0.007 U	0.008 U
Bromoform	75-25-2	1	0.007 U	0.007 U	0.008 U
Bromomethane	74-83-9	1	0.007 U	0.007 U	0.008 U
Carbon Disulfide	75-15-0	-	0.007 U	0.007 U	0.008 U
Carbon tetrachloride	56-23-5	1	0.007 U	0.007 U	0.008 U
Chlorobenzene	108-90-7	1	0.007 U	0.007 U	0.008 U
Chloroethane	75-00-3	-	0.007 U	0.007 U	0.008 U
Chloroform	67-66-3	1	0.007 U	0.007 U	0.008 U
Chloromethane	74-87-3	10	0.007 U	0.007 U	0.008 U
cis-1,2-Dichloroethene	156-59-2	1	0.007 U	0.007 U	0.008 U
cis-1,3-Dichloropropene	10061-01-5	-	0.007 U	0.007 U	0.008 U
Cyclohexane	110-82-7	-	0.007 U	0.007 U	0.008 U
Dibromochloromethane	124-48-1	1	0.007 U	0.007 U	0.008 U
Dibromoethane	106-93-4	-	0.007 U	0.007 U	0.008 U
Dichlorodifluoromethane	75-71-8	-	0.007 U	0.007 U	0.008 U
Ethylbenzene	100-41-4	100	0.007 U	0.007 U	0.008 U
Isopropylbenzene	98-82-8	-	0.007 U	0.007 U	0.008 U
Methyl Ethyl Ketone (MEK)	78-93-3	50	0.007 U	0.007 U	0.008 U
Methyl Tertiary Butyl Ether (MTBE)	1634-04-4	-	0.007 U	0.007 U	0.003 J
Methyl Acetate	79-20-9	-	0.007 U	0.007 U	0.008 U
Methylcyclohexane	108-87-2	-	0.007 U	0.007 U	0.008 U
Methylene Chloride	75-09-2	1	0.007 U	0.001 J	0.008 U
Styrene	100-42-5	23	0.007 U	0.007 U	0.008 U
Tetrachloroethene	127-18-4	1	0.007 U	0.007 U	0.008 U
Toluene	108-88-3	500	0.007 U	0.007 U	0.008 J
Total Xylenes	1330-20-7	67	0.007 U	0.007 U	0.008 U
Trans-1,2-Dichloroethene	156-60-5	50	0.007 U	0.007 U	0.008 U
trans-1,3-Dichloropropene	10061-02-6	-	0.007 U	0.007 U	0.008 U
Trichloroethylene	79-01-6	1	0.007 U	0.007 U	0.008 U
Trichlorofluoromethane	75-69-4	-	0.007 U	0.007 U	0.008 U
Vinyl Chloride	75-01-4	2	0.007 U	0.007 U	0.008 U

NOTES:

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TABLE 1-B
Summary of Soil Analytical Results: Volatile Organic Compounds
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	TP-1	TP-2	TP-3
			Sample ID	T-TP-1	T-TP-2	T-TP-3
			Lab ID	N22074-15	N22074-14	N22074-13
			Sample Date	9/12/2002	9/12/2002	9/12/2002
			Depth Interval	6 - 8	6 - 8	6 - 8
1,1,1-Trichloroethane	71-55-6	50		0.007 U	0.006 U	0.006 U
1,1,2,2-Tetrachloroethane	79-34-5	1		0.007 U	0.006 U	0.006 U
1,1,2-Trichlorotrifluoroethane	76-13-1	-		0.007 U	0.006 U	0.006 U
1,1,2-Trichloroethane	79-00-5	1		0.007 U	0.006 U	0.006 U
1,1-Dichloroethane	75-34-3	10		0.007 U	0.006 U	0.006 U
1,1-Dichloroethene	75-35-4	8		0.007 U	0.006 U	0.006 U
1,2-Dibromo-3-Chloropropane	96-12-8	-		0.007 U	0.006 U	0.006 U
1,2-Dichloroethane	107-06-2	1		0.007 U	0.006 U	0.006 U
1,2-Dichloropropane	78-87-5	10		0.007 U	0.006 U	0.006 U
2-Chloroethyl Vinyl Ether	110-75-8	-		NR	NR	NR
2-Hexanone	591-78-6	-		0.007 U	0.006 U	0.006 U
4-Methyl-2-Pentanone	108-10-1	50		0.007 U	0.006 U	0.006 U
Acetone	67-64-1	100		0.031	0.018	0.013
Benzene	71-43-2	1		0.0007 J	0.0009 J	0.002 J
Bromodichloromethane	75-27-4	1		0.007 U	0.006 U	0.006 U
Bromoform	75-25-2	1		0.007 U	0.006 U	0.006 U
Bromomethane	74-83-9	1		0.007 U	0.006 U	0.006 U
Carbon Disulfide	75-15-0	-		0.007 U	0.006 U	0.006 U
Carbon tetrachloride	56-23-5	1		0.007 U	0.006 U	0.006 U
Chlorobenzene	108-90-7	1		0.007 U	0.006 U	0.006 U
Chloroethane	75-00-3	-		0.007 U	0.006 U	0.006 U
Chloroform	67-66-3	1		0.007 U	0.006 U	0.006 U
Chloromethane	74-87-3	10		0.007 U	0.006 U	0.006 U
cis-1,2-Dichloroethene	156-59-2	1		0.007 U	0.006 U	0.006 U
cis-1,3-Dichloropropene	10061-01-5	-		0.007 U	0.006 U	0.006 U
Cyclohexane	110-82-7	-		0.007 U	0.006 U	0.006 U
Dibromochloromethane	124-48-1	1		0.007 U	0.006 U	0.006 U
Dibromoethane	106-93-4	-		0.007 U	0.006 U	0.006 U
Dichlorodifluoromethane	75-71-8	-		0.007 U	0.006 U	0.006 U
Ethylbenzene	100-41-4	100		0.007 U	0.006 U	0.006 U
Isopropylbenzene	98-82-8	-		0.007 U	0.006 U	0.006 U
Methyl Ethyl Ketone (MEK)	78-93-3	50		0.007 U	0.006 U	0.006 U
Methyl Tertiary Butyl Ether (MTBE)	1634-04-4	-		0.007 U	0.006 U	0.006 U
Methyl Acetate	79-20-9	-		0.007 U	0.006 U	0.006 U
Methylcyclohexane	108-87-2	-		0.007 U	0.006 U	0.006 U
Methylene Chloride	75-09-2	1		0.007 U	0.006 U	0.006 U
Styrene	100-42-5	23		0.007 U	0.006 U	0.006 U
Tetrachloroethene	127-18-4	1		0.007 U	0.006 U	0.006 U
Toluene	108-88-3	500		0.007 U	0.006 U	0.006 U
Total Xylenes	1330-20-7	67		0.007 U	0.006 U	0.006 U
Trans-1,2-Dichloroethene	156-60-5	50		0.007 U	0.006 U	0.006 U
trans-1,3-Dichloropropene	10061-02-6	-		0.007 U	0.006 U	0.006 U
Trichloroethylene	79-01-6	1		0.007 U	0.0009 J	0.006 U
Trichlorofluoromethane	75-69-4	-		0.007 U	0.006 U	0.006 U
Vinyl Chloride	75-01-4	2		0.007 U	0.006 U	0.006 U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

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Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-B
Summary of Soil Analytical Results: Volatile Organic Compounds
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	TP-4	TP-5	TP-6
			Sample ID	T-TP-4	T-TP-5	T-TP-6
			Lab ID	N22074-12	N22074-11	N22074-9
			Sample Date	9/12/2002	9/12/2002	9/12/2002
			Depth Interval	6 - 8	6 - 8	6 - 8
1,1,1-Trichloroethane	71-55-6	50		0.006 U	0.008 U	0.006 U
1,1,2,2-Tetrachloroethane	79-34-5	1		0.006 U	0.008 U	0.006 U
1,1,2-Trichlorotrifluoroethane	76-13-1	-		0.006 U	0.008 U	0.006 U
1,1,2-Trichloroethane	79-00-5	1		0.006 U	0.008 U	0.006 U
1,1-Dichloroethane	75-34-3	10		0.006 U	0.008 U	0.006 U
1,1-Dichloroethene	75-35-4	8		0.006 U	0.008 U	0.006 U
1,2-Dibromo-3-Chloropropane	96-12-8	-		0.006 U	0.008 U	0.006 U
1,2-Dichloroethane	107-06-2	1		0.006 U	0.008 U	0.006 U
1,2-Dichloropropane	78-87-5	10		0.006 U	0.008 U	0.006 U
2-Chloroethyl Vinyl Ether	110-75-8	-		NR	NR	NR
2-Hexanone	591-78-6	-		0.006 U	0.008 U	0.006 U
4-Methyl-2-Pentanone	108-10-1	50		0.006 U	0.008 U	0.006 U
Acetone	67-64-1	100		0.059	0.026	0.017
Benzene	71-43-2	1		0.001 J	0.002 J	0.0008 J
Bromodichloromethane	75-27-4	1		0.006 U	0.008 U	0.006 U
Bromoform	75-25-2	1		0.006 U	0.008 U	0.006 U
Bromomethane	74-83-9	1		0.006 U	0.008 U	0.006 U
Carbon Disulfide	75-15-0	-		0.006 U	0.008 U	0.006 U
Carbon tetrachloride	56-23-5	1		0.006 U	0.008 U	0.006 U
Chlorobenzene	108-90-7	1		0.006 U	0.008 U	0.006 U
Chloroethane	75-00-3	-		0.006 U	0.008 U	0.006 U
Chloroform	67-66-3	1		0.006 U	0.008 U	0.006 U
Chloromethane	74-87-3	10		0.004 J	0.008 U	0.006 U
cis-1,2-Dichloroethene	156-59-2	1		0.006 U	0.008 U	0.006 U
cis-1,3-Dichloropropene	10061-01-5	-		0.006 U	0.008 U	0.006 U
Cyclohexane	110-82-7	-		0.006 U	0.008 U	0.006 U
Dibromochloromethane	124-48-1	1		0.006 U	0.008 U	0.006 U
Dibromoethane	106-93-4	-		0.006 U	0.008 U	0.006 U
Dichlorodifluoromethane	75-71-8	-		0.006 U	0.008 U	0.006 U
Ethylbenzene	100-41-4	100		0.006 U	0.008 U	0.006 U
Isopropylbenzene	98-82-8	-		0.006 U	0.008 U	0.006 U
Methyl Ethyl Ketone (MEK)	78-93-3	50		0.006 U	0.008 U	0.006 U
Methyl Tertiary Butyl Ether (MTBE)	1634-04-4	-		0.006 U	0.008 U	0.006 U
Methyl Acetate	79-20-9	-		0.006 U	0.008 U	0.006 U
Methylcyclohexane	108-87-2	-		0.006 U	0.008 U	0.006 U
Methylene Chloride	75-09-2	1		0.006 U	0.008 U	0.006 U
Styrene	100-42-5	23		0.006 U	0.008 U	0.006 U
Tetrachloroethene	127-18-4	1		0.006 U	0.008 U	0.006 U
Toluene	108-88-3	500		0.006 U	0.008 U	0.006 U
Total Xylenes	1330-20-7	67		0.006 U	0.008 U	0.006 U
Trans-1,2-Dichloroethene	156-60-5	50		0.006 U	0.008 U	0.006 U
trans-1,3-Dichloropropene	10061-02-6	-		0.006 U	0.008 U	0.006 U
Trichloroethylene	79-01-6	1		0.006 U	0.008 U	0.006 U
Trichlorofluoromethane	75-69-4	-		0.006 U	0.008 U	0.006 U
Vinyl Chloride	75-01-4	2		0.006 U	0.008 U	0.006 U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

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Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	Test Pit 2	Test Pit 3	Test Pit 4
			Sample ID	Capsule #13976.02	Capsule #13976.03	Capsule #13976.04
			Lab ID	7/28/1982	7/28/1982	7/28/1982
			Sample Date	13.5 - 14	13.5 - 14	13.5 - 14
Depth Interval						
1,2,4-Trichlorobenzene	120-82-1	68		ND	ND	ND
1,2-Dichlorobenzene	95-50-1	50		ND	ND	ND
1,2-Diphenylhydrazine	122-66-7	-		ND	ND	ND
1,3-Dichlorobenzene	541-73-1	100		ND	ND	ND
1,4-Dichlorobenzene	106-46-7	100		ND	ND	ND
2,4,6-Trichlorophenol	88-06-2	10		ND	ND	ND
2,4-Dichlorophenol	120-83-2	10		ND	ND	ND
2,4-Dimethylphenol	105-67-9	10		ND	ND	ND
2,4-Dinitrophenol	51-28-5	10		ND	ND	ND
2,4-Dinitrotoluene	121-14-2	-		ND	ND	ND
2,6-Dinitrotoluene	606-20-2	-		ND	ND	ND
2-Chloronaphthalene	91-58-7	-		ND	ND	ND
2-Chlorophenol	95-57-8	10		ND	ND	ND
2-Methyl-4,6-dinitrophenol	534-52-1	-		ND	ND	ND
2-Nitrophenol	88-75-5	-		ND	ND	ND
3,3'-Dichlorobenzidine	91-94-1	2		ND	ND	ND
4-Bromophenyl phenyl ether	101-55-3	-		ND	ND	ND
4-Chloro-3-methylphenol	59-50-7	100		ND	ND	ND
4-Chlorophenyl phenyl ether	7005-72-3	-		NA	ND	NA
4-Nitrophenol	100-02-7	-		ND	ND	ND
Acenaphthene	83-32-9	100		ND	NA	ND
Acenaphthylene	208-96-8	-		ND	ND	ND
Anthracene	120-12-7	100		ND	4.7	ND
Benzo(a)anthracene	56-55-3	0.9		NA	3.5	NA
Benzidine	92-87-5	-		ND	ND	ND
Benzo(a)pyrene	50-32-8	0.66		ND	ND	ND
Benzo(b)fluoranthene	205-99-2	0.9		NA	7.1	NA
Benzo(g,h,i)perylene	191-24-2	-		ND	ND	ND
Benzo(k)fluoranthene	207-08-9	0.9		NA	4.1	NA
bis(2-Chloroethoxy)methane	111-91-1	-		ND	ND	ND
bis(2-Chloroethyl)ether	111-44-4	0.66		ND	ND	ND
bis(2-Chloroisopropyl)ether	108-60-1	10		ND	ND	ND
bis(2-Ethylhexyl)phthalate	117-81-7	49		ND	ND	ND
Butylbenzylphthalate	85-68-7	100		ND	ND	ND
Chrysene	218-01-9	9		ND	ND	ND
Dibenz(a,h)anthracene	53-70-3	0.66		ND	ND	ND
Diethylphthalate	84-66-2	50		ND	NA	NA
Dimethylphthalate	131-11-3	50		ND	ND	ND
Di-n-butylphthalate	84-74-2	100		ND	ND	ND
Di-n-octylphthalate	117-84-0	100		NR	NR	NR
Fluoranthene	206-44-0	100		NA	2.6	NA
Fluorene	86-73-7	100		ND	NA	ND
Hexachlorobenzene	118-74-1	0.66		ND	ND	ND
Hexachlorobutadiene	87-68-3	1		ND	ND	ND
Hexachlorocyclopentadiene	77-47-4	100		ND	ND	ND
Hexachloroethane	67-72-1	6		ND	NA	ND
Indeno(1,2,3-cd)pyrene	193-39-5	0.9		ND	ND	ND
Isophorone	78-59-1	50		ND	ND	ND
Naphthalene	91-20-3	100		NA	2.2	NA
Nitrobenzene	98-95-3	10		ND	NA	ND
N-Nitrosodimethylamine	62-75-9	-		ND	ND	ND
N-Nitroso-di-n-propylamine	621-64-7	0.66		NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100		ND	ND	ND
Pentachlorophenol	87-86-5	6		ND	ND	ND
Phenanthrene	85-01-8	-		NA	4.7	NA
Phenol	108-95-2	50		ND	ND	ND
Pyrene	129-00-0	100		NA	2.6	NA

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

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NR - Indicates that the analyte was not requested.

U - Indicates that the analyte was not detected at the MDL.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

D - Indicates compound identified in an analysis at a secondary dilution factor (DL).

Sample IDs noted as DL are dilution samples using EPA Contract Laboratory Program protocol.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

	Location ID	Test Pit 5	A29-1	A29-1
	Sample ID	Test Pit 5	A29-1-A	A29-1-B
	Lab ID	Capsule #13976.05	256801	256802
	Sample Date	7/28/1982	2/13/2001	2/13/2001
	Depth Interval	13.5 - 14	6 - 6.5	16 - 16.5
Analyte	CAS-RN	MSSCC		
1,2,4-Trichlorobenzene	120-82-1	68	ND	0.18 U
1,2-Dichlorobenzene	95-50-1	50	ND	1.8 U
1,2-Diphenylhydrazine	122-66-7	-	ND	NR
1,3-Dichlorobenzene	541-73-1	100	ND	1.8 U
1,4-Dichlorobenzene	106-46-7	100	ND	1.8 U
2,4,6-Trichlorophenol	88-06-2	10	ND	NR
2,4-Dichlorophenol	120-83-2	10	ND	NR
2,4-Dimethylphenol	105-67-9	10	ND	NR
2,4-Dinitrophenol	51-28-5	10	ND	NR
2,4-Dinitrotoluene	121-14-2	-	ND	0.37 U
2,6-Dinitrotoluene	606-20-2	-	ND	0.37 U
2-Chloronaphthalene	91-58-7	-	ND	1.8 U
2-Chlorophenol	95-57-8	10	ND	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	ND	NR
2-Nitrophenol	88-75-5	-	ND	NR
3,3'-Dichlorobenzidine	91-94-1	2	ND	3.7 U
4-Bromophenyl phenyl ether	101-55-3	-	ND	1.8 U
4-Chloro-3-methylphenol	59-50-7	100	ND	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	NA	1.8 U
4-Nitrophenol	100-02-7	-	ND	NR
Acenaphthene	83-32-9	100	ND	0.09 J
Acenaphthylene	208-96-8	-	ND	1.8 U
Anthracene	120-12-7	100	ND	0.17 J
Benzo(a)anthracene	56-55-3	0.9	NA	2 2.3
Benzidine	92-87-5	-	ND	7.4 U
Benzo(a)pyrene	50-32-8	0.66	ND	3.8 4.6
Benzo(b)fluoranthene	205-99-2	0.9	NA	5.9 8.2
Benzo(g,h,i)perylene	191-24-2	-	ND	4.6 5
Benzo(k)fluoranthene	207-08-9	0.9	NA	2 2.4
bis(2-Chloroethoxy)methane	111-91-1	-	ND	1.8 U
bis(2-Chloroethyl)ether	111-44-4	0.66	ND	0.18 U
bis(2-Chloroisopropyl)ether	108-60-1	10	ND	1.8 U
bis(2-Ethylhexyl)phthalate	117-81-7	49	NA	1.8 U
Butylbenzylphthalate	85-68-7	100	ND	1.8 U
Chrysene	218-01-9	9	ND	2.9 3.5
Dibenz(a,h)anthracene	53-70-3	0.66	ND	0.97 1.2
Diethylphthalate	84-66-2	50	NA	1.8 U
Dimethylphthalate	131-11-3	50	ND	1.8 U
Di-n-butylphthalate	84-74-2	100	ND	1.8 U
Di-n-octylphthalate	117-84-0	100	NR	1.8 U
Fluoranthene	206-44-0	100	NA	2 2.5
Fluorene	86-73-7	100	ND	0.1 J
Hexachlorobenzene	118-74-1	0.66	ND	0.18 U
Hexachlorobutadiene	87-68-3	1	ND	0.37 U
Hexachlorocyclopentadiene	77-47-4	100	ND	1.8 U
Hexachloroethane	67-72-1	6	ND	0.18 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	ND	4.4 5.1
Isophorone	78-59-1	50	ND	1.8 U
Naphthalene	91-20-3	100	2	0.29 J
Nitrobenzene	98-95-3	10	ND	0.18 U
N-Nitrosodimethylamine	62-75-9	-	ND	1.8 U
N-Nitroso-di-n-propylamine	621-64-7	0.66	NR	0.18 U
N-Nitrosodiphenylamine	86-30-6	100	ND	1.8 U
Pentachlorophenol	87-86-5	6	ND	NR
Phenanthrene	85-01-8	-	1.8	0.91 J
Phenol	108-95-2	50	NA	NR
Pyrene	129-00-0	100	NA	2.1 2.7

NOTES:

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J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

D - Indicates compound identified in an analysis at a secondary dilution factor (DL).

Sample IDs noted as DL are dilution samples using EPA Contract Laboratory Program protocol.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

	Location ID	A29-1	A29-1	A29-1
	Sample ID	A29-1-C	A29-1-D	A29-1-E
	Lab ID	256803	256804	256805
	Sample Date	2/13/2001	2/13/2001	2/13/2001
	Depth Interval	23 - 23.5	35 - 35.5	41 - 41.5
Analyte	CAS-RN	MSSCC		
1,2,4-Trichlorobenzene	120-82-1	68	0.03 U	0.03 U
1,2-Dichlorobenzene	95-50-1	50	0.34 U	0.36 U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR
1,3-Dichlorobenzene	541-73-1	100	0.34 U	0.36 U
1,4-Dichlorobenzene	106-46-7	100	0.34 U	0.36 U
2,4,6-Trichlorophenol	88-06-2	10	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR
2,4-Dinitrotoluene	121-14-2	-	0.06 U	0.07 U
2,6-Dinitrotoluene	606-20-2	-	0.06 U	0.07 U
2-Chloronaphthalene	91-58-7	-	0.34 U	0.36 U
2-Chlorophenol	95-57-8	10	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	0.69 U	0.71 U
4-Bromophenyl phenyl ether	101-55-3	-	0.34 U	0.36 U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	0.34 U	0.36 U
4-Nitrophenol	100-02-7	-	NR	NR
Acenaphthene	83-32-9	100	0.03 J	0.19 J
Acenaphthylene	208-96-8	-	0.34 U	0.02 J
Anthracene	120-12-7	100	0.01 J	0.21 J
Benzo(a)anthracene	56-55-3	0.9	0.04	1.8
Benzidine	92-87-5	-	1.4 U	1.4 U
Benzo(a)pyrene	50-32-8	0.66	0.04	3.4
Benzo(b)fluoranthene	205-99-2	0.9	0.07	5.7
Benzo(g,h,i)perylene	191-24-2	-	0.05 J	3
Benzo(k)fluoranthene	207-08-9	0.9	0.02 J	2.1
bis(2-Chloroethoxy)methane	111-91-1	-	0.34 U	0.36 U
bis(2-Chloroethyl)ether	111-44-4	0.66	0.03 U	0.03 U
bis(2-Chloroisopropyl)ether	108-60-1	10	0.34 U	0.36 U
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.34 U	0.21 J
Butylbenzylphthalate	85-68-7	100	0.22 J	0.36 U
Chrysene	218-01-9	9	0.04 J	2.8
Dibenz(a,h)anthracene	53-70-3	0.66	0.01 J	0.78
Diethylphthalate	84-66-2	50	0.34 U	0.36 U
Dimethylphthalate	131-11-3	50	0.34 U	0.36 U
Di-n-butylphthalate	84-74-2	100	0.34 U	0.36 U
Di-n-octylphthalate	117-84-0	100	0.34 U	0.36 U
Fluoranthene	206-44-0	100	0.08 J	2.4
Fluorene	86-73-7	100	0.03 J	0.22 J
Hexachlorobenzene	118-74-1	0.66	0.03 U	0.03 U
Hexachlorobutadiene	87-68-3	1	0.06 U	0.07 U
Hexachlorocyclopentadiene	77-47-4	100	0.34 U	0.36 U
Hexachloroethane	67-72-1	6	0.03 U	0.03 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.05	3.2
Isophorone	78-59-1	50	0.34 U	0.36 U
Naphthalene	91-20-3	100	0.17 J	0.6
Nitrobenzene	98-95-3	10	0.03 U	0.03 U
N-Nitrosodimethylamine	62-75-9	-	0.34 U	0.36 U
N-Nitroso-di-n-propylamine	621-64-7	0.66	0.03 U	0.03 U
N-Nitrosodiphenylamine	86-30-6	100	0.34 U	0.36 U
Pentachlorophenol	87-86-5	6	NR	NR
Phenanthrene	85-01-8	-	0.09 J	1.6
Phenol	108-95-2	50	NR	NR
Pyrene	129-00-0	100	0.06 J	2.3

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

ND - Indicates that the analyte was not detected at the Method Detection Level (MDL); MDL is not available in the historical document reporting analysis.

NA - Indicates that the result is not available in the historical document reporting analysis.

NR - Indicates that the analyte was not requested.

U - Indicates that the analyte was not detected at the MDL.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

D - Indicates compound identified in an analysis at a secondary dilution factor (DL).

Sample IDs noted as DL are dilution samples using EPA Contract Laboratory Program protocol.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

	Location ID	A29-2	A29-2	A29-2
	Sample ID	A29-2-A	A29-2-B	A29-2-C
	Lab ID	257518	257519	257520
	Sample Date	2/14/2001	2/14/2001	2/14/2001
	Depth Interval	6.5 - 7	16 - 16.5	26 - 26.5
Analyte	CAS-RN	MSSCC		
1,2,4-Trichlorobenzene	120-82-1	68	2.7 U	0.36 U
1,2-Dichlorobenzene	95-50-1	50	27 U	3.6 U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR
1,3-Dichlorobenzene	541-73-1	100	27 U	3.6 U
1,4-Dichlorobenzene	106-46-7	100	27 U	3.6 U
2,4,6-Trichlorophenol	88-06-2	10	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR
2,4-Dinitrotoluene	121-14-2	-	5.4 U	0.72 U
2,6-Dinitrotoluene	606-20-2	-	5.4 U	0.72 U
2-Chloronaphthalene	91-58-7	-	27 U	3.6 U
2-Chlorophenol	95-57-8	10	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	54 U	7.2 U
4-Bromophenyl phenyl ether	101-55-3	-	27 U	3.6 U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	27 U	3.6 U
4-Nitrophenol	100-02-7	-	NR	NR
Acenaphthene	83-32-9	100	27 U	3.6 U
Acenaphthylene	208-96-8	-	27 U	3.6 U
Anthracene	120-12-7	100	27 U	0.46 J
Benzo(a)anthracene	56-55-3	0.9	4.5	23
Benzidine	92-87-5	-	110 U	14 U
Benzo(a)pyrene	50-32-8	0.66	5.6	32
Benzo(b)fluoranthene	205-99-2	0.9	12	48
Benzo(g,h,i)perylene	191-24-2	-	7.8 J	23
Benzo(k)fluoranthene	207-08-9	0.9	4.4	16
bis(2-Chloroethoxy)methane	111-91-1	-	27 U	3.6 U
bis(2-Chloroethyl)ether	111-44-4	0.66	2.7 U	0.36 U
bis(2-Chloroisopropyl)ether	108-60-1	10	27 U	3.6 U
bis(2-Ethylhexyl)phthalate	117-81-7	49	27 U	3.6 U
Butylbenzylphthalate	85-68-7	100	27 U	3.6 U
Chrysene	218-01-9	9	9.1 J	31
Dibenz(a,h)anthracene	53-70-3	0.66	1.8 J	6.8
Diethylphthalate	84-66-2	50	27 U	3.6 U
Dimethylphthalate	131-11-3	50	27 U	3.6 U
Di-n-butylphthalate	84-74-2	100	27 U	3.6 U
Di-n-octylphthalate	117-84-0	100	27 U	3.6 U
Fluoranthene	206-44-0	100	5.9 J	19
Fluorene	86-73-7	100	1 J	0.08 J
Hexachlorobenzene	118-74-1	0.66	2.7 U	0.36 U
Hexachlorobutadiene	87-68-3	1	5.4 U	0.72 U
Hexachlorocyclopentadiene	77-47-4	100	27 U	3.6 U
Hexachloroethane	67-72-1	6	2.7 U	0.36 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	7	24
Isophorone	78-59-1	50	27 U	3.6 U
Naphthalene	91-20-3	100	27 U	0.12 J
Nitrobenzene	98-95-3	10	2.7 U	0.36 U
N-Nitrosodimethylamine	62-75-9	-	27 U	3.6 U
N-Nitroso-di-n-propylamine	621-64-7	0.66	2.7 U	0.36 U
N-Nitrosodiphenylamine	86-30-6	100	27 U	3.6 U
Pentachlorophenol	87-86-5	6	NR	NR
Phenanthrene	85-01-8	-	4 J	2.8 J
Phenol	108-95-2	50	NR	NR
Pyrene	129-00-0	100	6.5 J	18

NOTES:

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NA - Indicates that the result is not available in the historical document reporting analysis.

NR - Indicates that the analyte was not requested.

U - Indicates that the analyte was not detected at the MDL.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

D - Indicates compound identified in an analysis at a secondary dilution factor (DL).

Sample IDs noted as DL are dilution samples using EPA Contract Laboratory Program protocol.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-C
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Old Landfill
Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	A29-2	A29-3	A29-3
			Sample ID	A29-2-D	A29-3-A	A29-3-B
			Lab ID	257521	257512	257514
			Sample Date	2/14/2001	2/14/2001	2/14/2001
		Depth Interval		34 - 34.5	5 - 5.5	16 - 16.5
1,2,4-Trichlorobenzene	120-82-1	68		0.04 U	2 U	0.19 U
1,2-Dichlorobenzene	95-50-1	50		0.4 U	20 U	1.9 U
1,2-Diphenylhydrazine	122-66-7	-		NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100		0.4 U	20 U	1.9 U
1,4-Dichlorobenzene	106-46-7	100		0.4 U	20 U	1.9 U
2,4,6-Trichlorophenol	88-06-2	10		NR	NR	NR
2,4-Dichlorophenol	120-83-2	10		NR	NR	NR
2,4-Dimethylphenol	105-67-9	10		NR	NR	NR
2,4-Dinitrophenol	51-28-5	10		NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-		0.08 U	4 U	0.38 U
2,6-Dinitrotoluene	606-20-2	-		0.08 U	4 U	0.38 U
2-Chloronaphthalene	91-58-7	-		0.4 U	20 U	1.9 U
2-Chlorophenol	95-57-8	10		NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-		NR	NR	NR
2-Nitrophenol	88-75-5	-		NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2		0.81 U	40 U	3.8 U
4-Bromophenyl phenyl ether	101-55-3	-		0.4 U	20 U	1.9 U
4-Chloro-3-methylphenol	59-50-7	100		NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-		0.4 U	20 U	1.9 U
4-Nitrophenol	100-02-7	-		NR	NR	NR
Acenaphthene	83-32-9	100		0.4 U	20 U	0.06 J
Acenaphthylene	208-96-8	-		0.4 U	20 U	1.9 U
Anthracene	120-12-7	100		0.4 U	20 U	0.07 J
Benzo(a)anthracene	56-55-3	0.9		0.04 U	1.6 J	0.49
Benzidine	92-87-5	-		1.6 U	79 U	7.7 U
Benzo(a)pyrene	50-32-8	0.66		0.04 U	3.5	0.84
Benzo(b)fluoranthene	205-99-2	0.9		0.04 U	5.6	1.6
Benzo(g,h,i)perylene	191-24-2	-		0.4 U	0.03 J	1.2 J
Benzo(k)fluoranthene	207-08-9	0.9		0.04 U	2.1	0.62
bis(2-Chloroethoxy)methane	111-91-1	-		0.4 U	20 U	1.9 U
bis(2-Chloroethyl)ether	111-44-4	0.66		0.04 U	2 U	0.19 U
bis(2-Chloroisopropyl)ether	108-60-1	10		0.4 U	20 U	1.9 U
bis(2-Ethylhexyl)phthalate	117-81-7	49		0.4 U	20 U	1.9 U
Butylbenzylphthalate	85-68-7	100		0.4 U	20 U	1.9 U
Chrysene	218-01-9	9		0.4 U	1.8 J	0.79 J
Dibenz(a,h)anthracene	53-70-3	0.66		0.04 U	0.66 J	0.32
Diethylphthalate	84-66-2	50		0.4 U	20 U	1.9 U
Dimethylphthalate	131-11-3	50		0.4 U	20 U	1.9 U
Di-n-butylphthalate	84-74-2	100		0.4 U	20 U	1.9 U
Di-n-octylphthalate	117-84-0	100		0.4 U	20 U	1.9 U
Fluoranthene	206-44-0	100		0.4 U	1.8 J	0.62 J
Fluorene	86-73-7	100		0.4 U	20 U	0.04 J
Hexachlorobenzene	118-74-1	0.66		0.04 U	2 U	0.19 U
Hexachlorobutadiene	87-68-3	1		0.08 U	4 U	0.38 U
Hexachlorocyclopentadiene	77-47-4	100		0.4 U	20 U	1.9 U
Hexachloroethane	67-72-1	6		0.04 U	2 U	0.19 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.9		0.04 U	4.3	1.2
Isophorone	78-59-1	50		0.4 U	20 U	1.9 U
Naphthalene	91-20-3	100		0.4 U	20 U	0.3 J
Nitrobenzene	98-95-3	10		0.04 U	2 U	0.19 U
N-Nitrosodimethylamine	62-75-9	-		0.4 U	20 U	1.9 U
N-Nitroso-di-n-propylamine	621-64-7	0.66		0.04 U	2 U	0.19 U
N-Nitrosodiphenylamine	86-30-6	100		0.4 U	20 U	1.9 U
Pentachlorophenol	87-86-5	6		NR	NR	NR
Phenanthrene	85-01-8	-		0.4 U	1.1 J	0.42 J
Phenol	108-95-2	50		NR	NR	NR
Pyrene	129-00-0	100		0.4 U	1.7 J	0.48 J

NOTES:

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Depths are presented in feet below ground surface (bgs).

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J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

D - Indicates compound identified in an analysis at a secondary dilution factor (DL).

Sample IDs noted as DL are dilution samples using EPA Contract Laboratory Program protocol.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

	Location ID	A29-3	A29-3	A29-3
	Sample ID	A29-3-C	A29-3-D	A29-3-E
	Lab ID	257515	257516	257517
	Sample Date	2/14/2001	2/14/2001	2/14/2001
	Depth Interval	25 - 25.5	29 - 29.5	34 - 34.5
Analyte	CAS-RN	MSSCC		
1,2,4-Trichlorobenzene	120-82-1	68	0.04 U	0.2 U
1,2-Dichlorobenzene	95-50-1	50	0.02 J	2 U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR
1,3-Dichlorobenzene	541-73-1	100	0.42 U	2 U
1,4-Dichlorobenzene	106-46-7	100	0.42 U	2 U
2,4,6-Trichlorophenol	88-06-2	10	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR
2,4-Dinitrotoluene	121-14-2	-	0.08 U	0.4 U
2,6-Dinitrotoluene	606-20-2	-	0.08 U	0.4 U
2-Chloronaphthalene	91-58-7	-	0.42 U	2 U
2-Chlorophenol	95-57-8	10	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	0.85 U	4 U
4-Bromophenyl phenyl ether	101-55-3	-	0.42 U	2 U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	0.42 U	2 U
4-Nitrophenol	100-02-7	-	NR	NR
Acenaphthene	83-32-9	100	0.42 U	2 U
Acenaphthylene	208-96-8	-	0.42 U	2 U
Anthracene	120-12-7	100	0.42 U	2 U
Benzo(a)anthracene	56-55-3	0.9	0.04 U	0.2 U
Benzidine	92-87-5	-	1.7 U	8.1 U
Benzo(a)pyrene	50-32-8	0.66	0.04 U	0.2 U
Benzo(b)fluoranthene	205-99-2	0.9	0.04 U	0.2 U
Benzo(g,h,i)perylene	191-24-2	-	0.42 U	0.05 J
Benzo(k)fluoranthene	207-08-9	0.9	0.04 U	0.2 U
bis(2-Chloroethoxy)methane	111-91-1	-	0.42 U	2 U
bis(2-Chloroethyl)ether	111-44-4	0.66	0.04 U	0.2 U
bis(2-Chloroisopropyl)ether	108-60-1	10	0.42 U	2 U
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.42 U	1.3 J
Butylbenzylphthalate	85-68-7	100	0.42 U	2 U
Chrysene	218-01-9	9	0.42 U	2 U
Dibenz(a,h)anthracene	53-70-3	0.66	0.04 U	0.2 U
Diethylphthalate	84-66-2	50	0.42 U	2 U
Dimethylphthalate	131-11-3	50	0.42 U	2 U
Di-n-butylphthalate	84-74-2	100	0.42 U	2 U
Di-n-octylphthalate	117-84-0	100	0.42 U	2 U
Fluoranthene	206-44-0	100	0.42 U	0.24 J
Fluorene	86-73-7	100	0.42 U	0.17 J
Hexachlorobenzene	118-74-1	0.66	0.04 U	0.2 U
Hexachlorobutadiene	87-68-3	1	0.08 U	0.4 U
Hexachlorocyclopentadiene	77-47-4	100	0.42 U	2 U
Hexachloroethane	67-72-1	6	0.04 U	0.2 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.04 U	0.2 U
Isophorone	78-59-1	50	0.42 U	2 U
Naphthalene	91-20-3	100	0.42 U	2 U
Nitrobenzene	98-95-3	10	0.04 U	0.2 U
N-Nitrosodimethylamine	62-75-9	-	0.42 U	2 U
N-Nitroso-di-n-propylamine	621-64-7	0.66	0.04 U	0.2 U
N-Nitrosodiphenylamine	86-30-6	100	0.42 U	2 U
Pentachlorophenol	87-86-5	6	NR	NR
Phenanthrene	85-01-8	-	0.42 U	2 U
Phenol	108-95-2	50	NR	NR
Pyrene	129-00-0	100	0.42 U	0.19 J
NOTES:				
All results are presented in milligrams per kilogram.				
Depths are presented in feet below ground surface (bgs).				
CAS-RN = Chemical Abstract Service Registry Number.				
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NA - Indicates that the result is not available in the historical document reporting analysis.				
NR - Indicates that the analyte was not requested.				
U - Indicates that the analyte was not detected at the MDL.				
J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.				
D - Indicates compound identified in an analysis at a secondary dilution factor (DL).				
Sample IDs noted as DL are dilution samples using EPA Contract Laboratory Program protocol.				
Results in bold indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).				

TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

	Location ID	A29-5	A29-5	A29-5
	Sample ID	A29-5-A	A29-5-B	A29-5-C
	Lab ID	258050	258052	258053
	Sample Date	2/15/2001	2/15/2001	2/15/2001
	Depth Interval	6 - 6.5	16 - 16.5	29 - 29.5
Analyte	CAS-RN	MSSCC		
1,2,4-Trichlorobenzene	120-82-1	68	0.04 U	0.04 U
1,2-Dichlorobenzene	95-50-1	50	0.4 U	0.4 U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR
1,3-Dichlorobenzene	541-73-1	100	0.4 U	0.4 U
1,4-Dichlorobenzene	106-46-7	100	0.4 U	0.4 U
2,4,6-Trichlorophenol	88-06-2	10	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR
2,4-Dinitrotoluene	121-14-2	-	0.08 U	0.08 U
2,6-Dinitrotoluene	606-20-2	-	0.08 U	0.08 U
2-Chloronaphthalene	91-58-7	-	0.4 U	0.4 U
2-Chlorophenol	95-57-8	10	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	0.81 U	0.8 U
4-Bromophenyl phenyl ether	101-55-3	-	0.4 U	0.4 U
4-Chloro-3-methylphenol	59-50-7	100	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	0.4 U	0.4 U
4-Nitrophenol	100-02-7	-	NR	NR
Acenaphthene	83-32-9	100	0.4 U	0.4 U
Acenaphthylene	208-96-8	-	0.06 J	0.4 U
Anthracene	120-12-7	100	0.04 J	0.4 U
Benzo(a)anthracene	56-55-3	0.9	0.08	0.04 U
Benzidine	92-87-5	-	1.6 U	1.6 U
Benzo(a)pyrene	50-32-8	0.66	0.09	0.04 U
Benzo(b)fluoranthene	205-99-2	0.9	0.18	0.04 U
Benzo(g,h,i)perylene	191-24-2	-	0.07 J	0.4 U
Benzo(k)fluoranthene	207-08-9	0.9	0.07	0.04 U
bis(2-Chloroethoxy)methane	111-91-1	-	0.4 U	0.4 U
bis(2-Chloroethyl)ether	111-44-4	0.66	0.04 U	0.04 U
bis(2-Chloroisopropyl)ether	108-60-1	10	0.4 U	0.4 U
bis(2-Ethylhexyl)phthalate	117-81-7	49	0.4 U	0.4 U
Butylbenzylphthalate	85-68-7	100	0.4 U	0.4 U
Chrysene	218-01-9	9	0.15 J	0.4 U
Dibenz(a,h)anthracene	53-70-3	0.66	0.01 J	0.04 U
Diethylphthalate	84-66-2	50	0.4 U	0.4 U
Dimethylphthalate	131-11-3	50	0.4 U	0.4 U
Di-n-butylphthalate	84-74-2	100	0.4 U	0.4 U
Di-n-octylphthalate	117-84-0	100	0.4 U	0.4 U
Fluoranthene	206-44-0	100	0.21 J	0.4 U
Fluorene	86-73-7	100	0.0089 J	0.4 U
Hexachlorobenzene	118-74-1	0.66	0.04 U	0.04 U
Hexachlorobutadiene	87-68-3	1	0.08 U	0.08 U
Hexachlorocyclopentadiene	77-47-4	100	0.4 U	0.4 U
Hexachloroethane	67-72-1	6	0.04 U	0.04 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.06	0.04 U
Isophorone	78-59-1	50	0.4 U	0.4 U
Naphthalene	91-20-3	100	0.03 J	0.4 U
Nitrobenzene	98-95-3	10	0.04 U	0.04 U
N-Nitrosodimethylamine	62-75-9	-	0.4 U	0.4 U
N-Nitroso-di-n-propylamine	621-64-7	0.66	0.04 U	0.04 U
N-Nitrosodiphenylamine	86-30-6	100	0.4 U	0.4 U
Pentachlorophenol	87-86-5	6	NR	NR
Phenanthrene	85-01-8	-	0.08 J	0.4 U
Phenol	108-95-2	50	NR	NR
Pyrene	129-00-0	100	0.16 J	0.4 U

NOTES:

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D - Indicates compound identified in an analysis at a secondary dilution factor (DL).

Sample IDs noted as DL are dilution samples using EPA Contract Laboratory Program protocol.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	A29-10	A29-6	A29-7
			Sample ID	A29-10-A	A29-6-A	A29-7-A
			Lab ID	278366	278362	278363
			Sample Date	5/31/2001	5/31/2001	5/31/2001
		Depth Interval		0 - 0.5	0 - 0.5	0 - 0.5
1,2,4-Trichlorobenzene	120-82-1	68		NR	NR	NR
1,2-Dichlorobenzene	95-50-1	50		NR	NR	NR
1,2-Diphenylhydrazine	122-66-7	-		NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100		NR	NR	NR
1,4-Dichlorobenzene	106-46-7	100		NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10		NR	NR	NR
2,4-Dichlorophenol	120-83-2	10		NR	NR	NR
2,4-Dimethylphenol	105-67-9	10		NR	NR	NR
2,4-Dinitrophenol	51-28-5	10		NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-		NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-		NR	NR	NR
2-Chloronaphthalene	91-58-7	-		NR	NR	NR
2-Chlorophenol	95-57-8	10		NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-		NR	NR	NR
2-Nitrophenol	88-75-5	-		NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2		NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-		NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100		NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-		NR	NR	NR
4-Nitrophenol	100-02-7	-		NR	NR	NR
Acenaphthene	83-32-9	100		0.41 U	0.02 J	0.01 J
Acenaphthylene	208-96-8	-		0.41 U	0.03 J	0.01 J
Anthracene	120-12-7	100		NR	0.05 J	0.02 J
Benzo(a)anthracene	56-55-3	0.9		0.02 J	0.41	0.22
Benzidine	92-87-5	-		NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66		0.04 J	0.92	0.54
Benzo(b)fluoranthene	205-99-2	0.9		0.05	1.2	0.68
Benzo(g,h,i)perylene	191-24-2	-		0.03 J	0.53	0.52
Benzo(k)fluoranthene	207-08-9	0.9		0.02 J	0.51	0.27
bis(2-Chloroethoxy)methane	111-91-1	-		NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66		NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10		NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49		NR	NR	NR
Butylbenzylphthalate	85-68-7	100		NR	NR	NR
Chrysene	218-01-9	9		0.03 J	0.59	0.37 J
Dibenz(a,h)anthracene	53-70-3	0.66		0.04 U	0.13	0.1
Diethylphthalate	84-66-2	50		NR	NR	NR
Dimethylphthalate	131-11-3	50		NR	NR	NR
Di-n-butylphthalate	84-74-2	100		NR	NR	NR
Di-n-octylphthalate	117-84-0	100		NR	NR	NR
Fluoranthene	206-44-0	100		0.05 J	0.51	0.24 J
Fluorene	86-73-7	100		0.41 U	0.02 J	0.38 U
Hexachlorobenzene	118-74-1	0.66		NR	NR	NR
Hexachlorobutadiene	87-68-3	1		NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100		NR	NR	NR
Hexachloroethane	67-72-1	6		NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9		0.03 J	0.52	0.5
Isophorone	78-59-1	50		NR	NR	NR
Naphthalene	91-20-3	100		0.41 U	0.09 J	0.06 J
Nitrobenzene	98-95-3	10		NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-		NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66		NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100		NR	NR	NR
Pentachlorophenol	87-86-5	6		NR	NR	NR
Phenanthrene	85-01-8	-		0.03 J	0.26 J	0.14 J
Phenol	108-95-2	50		NR	NR	NR
Pyrene	129-00-0	100		0.04 J	0.53	0.26 J

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TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

	Location ID	A29-8	A29-9	OLF-1
	Sample ID	A29-8-A 278364	A29-9-A 278365	TRC-OLF1_8-10 374547
	Lab ID	5/31/2001	5/31/2001	9/6/2002
	Sample Date	0 - 0.5	0 - 0.5	8 - 10
	Depth Interval			
Analyte	CAS-RN	MSSCC		
1,2,4-Trichlorobenzene	120-82-1	68	NR	1.3 U
1,2-Dichlorobenzene	95-50-1	50	NR	1.3 U
1,2-Diphenylhydrazine	122-66-7	-	NR	NR
1,3-Dichlorobenzene	541-73-1	100	NR	1.3 U
1,4-Dichlorobenzene	106-46-7	100	NR	1.3 U
2,4,6-Trichlorophenol	88-06-2	10	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR
2,4-Dinitrotoluene	121-14-2	-	NR	NR
2,6-Dinitrotoluene	606-20-2	-	NR	NR
2-Chloronaphthalene	91-58-7	-	NR	NR
2-Chlorophenol	95-57-8	10	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	NR	NR
4-Chloro-3-methylphenol	59-50-7	100	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR
Acenaphthene	83-32-9	100	0.03 J	0.43 U
Acenaphthylene	208-96-8	-	0.01 J	0.43 U
Anthracene	120-12-7	100	0.05 J	0.02 J
Benzo(a)anthracene	56-55-3	0.9	0.26	0.13
Benzidine	92-87-5	-	NR	NR
Benzo(a)pyrene	50-32-8	0.66	0.38	0.17
Benzo(b)fluoranthene	205-99-2	0.9	0.54	0.27
Benzo(g,h,i)perylene	191-24-2	-	0.33 J	0.17 J
Benzo(k)fluoranthene	207-08-9	0.9	0.2	0.09
bis(2-Chloroethoxy)methane	111-91-1	-	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49	NR	NR
Butylbenzylphthalate	85-68-7	100	NR	NR
Chrysene	218-01-9	9	0.36 J	0.19 J
Dibenz(a,h)anthracene	53-70-3	0.66	0.08	0.04 J
Diethylphthalate	84-66-2	50	NR	NR
Dimethylphthalate	131-11-3	50	NR	NR
Di-n-butylphthalate	84-74-2	100	NR	NR
Di-n-octylphthalate	117-84-0	100	NR	NR
Fluoranthene	206-44-0	100	0.38 J	0.19 J
Fluorene	86-73-7	100	0.02 J	0.43 U
Hexachlorobenzene	118-74-1	0.66	NR	NR
Hexachlorobutadiene	87-68-3	1	NR	NR
Hexachlorocyclopentadiene	77-47-4	100	NR	NR
Hexachloroethane	67-72-1	6	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.33	0.18
Isophorone	78-59-1	50	NR	NR
Naphthalene	91-20-3	100	0.04 J	0.03 J
Nitrobenzene	98-95-3	10	NR	NR
N-Nitrosodimethylamine	62-75-9	-	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	NR	NR
N-Nitrosodiphenylamine	86-30-6	100	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR
Phenanthrene	85-01-8	-	0.26 J	0.12 J
Phenol	108-95-2	50	NR	NR
Pyrene	129-00-0	100	0.38 J	0.2 J

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TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	OLF-2	OLF-3	OLF-5
			Sample ID	TRC-OLF2_6-8	TRC-OLF3_6-8	TRC_OLF-5-6-8
			Lab ID	374548	374549	375158
			Sample Date	9/6/2002	9/6/2002	9/9/2002
			Depth Interval	6 - 8	6 - 8	6 - 8
1,2,4-Trichlorobenzene	120-82-1	68		1.4 U	1.4 U	1.3 U
1,2-Dichlorobenzene	95-50-1	50		1.4 U	1.4 U	1.3 U
1,2-Diphenylhydrazine	122-66-7	-		NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100		1.4 U	1.4 U	1.3 U
1,4-Dichlorobenzene	106-46-7	100		1.4 U	1.4 U	1.3 U
2,4,6-Trichlorophenol	88-06-2	10		NR	NR	NR
2,4-Dichlorophenol	120-83-2	10		NR	NR	NR
2,4-Dimethylphenol	105-67-9	10		NR	NR	NR
2,4-Dinitrophenol	51-28-5	10		NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-		NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-		NR	NR	NR
2-Chloronaphthalene	91-58-7	-		NR	NR	NR
2-Chlorophenol	95-57-8	10		NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-		NR	NR	NR
2-Nitrophenol	88-75-5	-		NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2		NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-		NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100		NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-		NR	NR	NR
4-Nitrophenol	100-02-7	-		NR	NR	NR
Acenaphthene	83-32-9	100		0.03 J	0.02 J	0.04 J
Acenaphthylene	208-96-8	-		1.8 U	0.74 U	1.8 U
Anthracene	120-12-7	100		0.04 J	0.03 J	0.05 J
Benzo(a)anthracene	56-55-3	0.9		2	0.62 J	0.52 J
Benzidine	92-87-5	-		NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66		1.9	0.46 J	1.8 U
Benzo(b)fluoranthene	205-99-2	0.9		7.1	2.8	1.3 J
Benzo(g,h,i)perylene	191-24-2	-		1.8 U	0.74 U	1.8 U
Benzo(k)fluoranthene	207-08-9	0.9		2.4	0.79	0.56
bis(2-Chloroethoxy)methane	111-91-1	-		NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66		NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10		NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49		NR	NR	NR
Butylbenzylphthalate	85-68-7	100		NR	NR	NR
Chrysene	218-01-9	9		3.3	1.2	0.65 J
Dibenz(a,h)anthracene	53-70-3	0.66		1.2 J	0.54 J	0.24 J
Diethylphthalate	84-66-2	50		NR	NR	NR
Dimethylphthalate	131-11-3	50		NR	NR	NR
Di-n-butylphthalate	84-74-2	100		NR	NR	NR
Di-n-octylphthalate	117-84-0	100		NR	NR	NR
Fluoranthene	206-44-0	100		2.2	0.82	0.6 J
Fluorene	86-73-7	100		1.8 U	0.74 U	0.08 J
Hexachlorobenzene	118-74-1	0.66		NR	NR	NR
Hexachlorobutadiene	87-68-3	1		NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100		NR	NR	NR
Hexachloroethane	67-72-1	6		NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9		4.1	1.6	0.07 J
Isophorone	78-59-1	50		NR	NR	NR
Naphthalene	91-20-3	100		0.04 J	0.04 J	0.14 J
Nitrobenzene	98-95-3	10		NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-		NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66		NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100		NR	NR	NR
Pentachlorophenol	87-86-5	6		NR	NR	NR
Phenanthrene	85-01-8	-		0.39 J	0.3 J	0.39 J
Phenol	108-95-2	50		NR	NR	NR
Pyrene	129-00-0	100		1.7 J	0.42 J	1.8 U

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TABLE 1-C

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Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	OLF-7	OLF-8	OLF-9
			Sample ID	TRC_OLF-7-6-8	TRC_OLF-8-6-8	TRC_OLF-9-6-8
			Lab ID	375160	375159	375161
			Sample Date	9/9/2002	9/9/2002	9/9/2002
			Depth Interval	6 - 8	6 - 8	6 - 8
1,2,4-Trichlorobenzene	120-82-1	68		1.2 U	1.5 U	1.4 U
1,2-Dichlorobenzene	95-50-1	50		1.2 U	1.5 U	1.4 U
1,2-Diphenylhydrazine	122-66-7	-		NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100		1.2 U	1.5 U	1.4 U
1,4-Dichlorobenzene	106-46-7	100		1.2 U	1.5 U	1.4 U
2,4,6-Trichlorophenol	88-06-2	10		NR	NR	NR
2,4-Dichlorophenol	120-83-2	10		NR	NR	NR
2,4-Dimethylphenol	105-67-9	10		NR	NR	NR
2,4-Dinitrophenol	51-28-5	10		NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-		NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-		NR	NR	NR
2-Chloronaphthalene	91-58-7	-		NR	NR	NR
2-Chlorophenol	95-57-8	10		NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-		NR	NR	NR
2-Nitrophenol	88-75-5	-		NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2		NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-		NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100		NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-		NR	NR	NR
4-Nitrophenol	100-02-7	-		NR	NR	NR
Acenaphthene	83-32-9	100		0.23 J	0.08 J	7.3 U
Acenaphthylene	208-96-8	-		0.34 U	0.14 J	7.3 U
Anthracene	120-12-7	100		0.04 J	0.23 J	7.3 U
Benzo(a)anthracene	56-55-3	0.9		0.64	1.4	0.99 J
Benzidine	92-87-5	-		NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66		0.34 U	0.84 U	7.3 U
Benzo(b)fluoranthene	205-99-2	0.9		1.9	3	1.6 J
Benzo(g,h,i)perylene	191-24-2	-		0.34 U	0.84 U	7.3 U
Benzo(k)fluoranthene	207-08-9	0.9		0.88	1.5	0.9 J
bis(2-Chloroethoxy)methane	111-91-1	-		NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66		NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10		NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49		NR	NR	NR
Butylbenzylphthalate	85-68-7	100		NR	NR	NR
Chrysene	218-01-9	9		0.68	1.2	0.79 J
Dibenz(a,h)anthracene	53-70-3	0.66		0.29 J	0.27 J	0.25 J
Diethylphthalate	84-66-2	50		NR	NR	NR
Dimethylphthalate	131-11-3	50		NR	NR	NR
Di-n-butylphthalate	84-74-2	100		NR	NR	NR
Di-n-octylphthalate	117-84-0	100		NR	NR	NR
Fluoranthene	206-44-0	100		0.6	1.4	7.3 U
Fluorene	86-73-7	100		0.04 J	0.09 J	7.3 U
Hexachlorobenzene	118-74-1	0.66		NR	NR	NR
Hexachlorobutadiene	87-68-3	1		NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100		NR	NR	NR
Hexachloroethane	67-72-1	6		NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9		0.06 J	0.05 J	7.3 U
Isophorone	78-59-1	50		NR	NR	NR
Naphthalene	91-20-3	100		0.06 J	0.09 J	0.26 J
Nitrobenzene	98-95-3	10		NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-		NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66		NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100		NR	NR	NR
Pentachlorophenol	87-86-5	6		NR	NR	NR
Phenanthrene	85-01-8	-		0.25 J	0.74 J	0.29 J
Phenol	108-95-2	50		NR	NR	NR
Pyrene	129-00-0	100		0.03 J	0.84 U	7.3 U

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J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

D - Indicates compound identified in an analysis at a secondary dilution factor (DL).

Sample IDs noted as DL are dilution samples using EPA Contract Laboratory Program protocol.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	OLF-9	OLF-4	OLF-4
			Sample ID	TRC_OLF-9-25-27	TRC_OLF-4-6-8	TRC_OLF-4-40-42
			Lab ID	375162	375703	375704
			Sample Date	9/9/2002	9/10/2002	9/10/2002
			Depth Interval	25 - 27	6 - 8	40 - 42
1,2,4-Trichlorobenzene	120-82-1	68		1.4 U	1.4 U	1.4 U
1,2-Dichlorobenzene	95-50-1	50		1.4 U	1.4 U	1.4 U
1,2-Diphenylhydrazine	122-66-7	-		NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100		1.4 U	1.4 U	1.4 U
1,4-Dichlorobenzene	106-46-7	100		1.4 U	1.4 U	1.4 U
2,4,6-Trichlorophenol	88-06-2	10		NR	NR	NR
2,4-Dichlorophenol	120-83-2	10		NR	NR	NR
2,4-Dimethylphenol	105-67-9	10		NR	NR	NR
2,4-Dinitrophenol	51-28-5	10		NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-		NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-		NR	NR	NR
2-Chloronaphthalene	91-58-7	-		NR	NR	NR
2-Chlorophenol	95-57-8	10		NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-		NR	NR	NR
2-Nitrophenol	88-75-5	-		NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2		NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-		NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100		NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-		NR	NR	NR
4-Nitrophenol	100-02-7	-		NR	NR	NR
Acenaphthene	83-32-9	100		0.22 J	0.04 J	0.39 U
Acenaphthylene	208-96-8	-		0.11 J	3.6 U	0.39 U
Anthracene	120-12-7	100		0.22 J	0.1 J	0.39 U
Benzo(a)anthracene	56-55-3	0.9		4.4 J	1.5 J	0.01 J
Benzidine	92-87-5	-		NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66		7.3 U	3.4 J	0.01 J
Benzo(b)fluoranthene	205-99-2	0.9		9.6	6.8	0.02 J
Benzo(g,h,i)perylene	191-24-2	-		7.3 U	3.8	0.01 J
Benzo(k)fluoranthene	207-08-9	0.9		5.2 J	2.6 J	0.01 J
bis(2-Chloroethoxy)methane	111-91-1	-		NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66		NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10		NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49		NR	NR	NR
Butylbenzylphthalate	85-68-7	100		NR	NR	NR
Chrysene	218-01-9	9		3.9 J	2.3 J	0.01 J
Dibenz(a,h)anthracene	53-70-3	0.66		1.7 J	1.2 J	0.39 U
Diethylphthalate	84-66-2	50		NR	NR	NR
Dimethylphthalate	131-11-3	50		NR	NR	NR
Di-n-butylphthalate	84-74-2	100		NR	NR	NR
Di-n-octylphthalate	117-84-0	100		NR	NR	NR
Fluoranthene	206-44-0	100		2.8 J	1.4 J	0.01 J
Fluorene	86-73-7	100		0.52 J	3.6 U	0.39 U
Hexachlorobenzene	118-74-1	0.66		NR	NR	NR
Hexachlorobutadiene	87-68-3	1		NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100		NR	NR	NR
Hexachloroethane	67-72-1	6		NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9		0.31 J	4	0.01 J
Isophorone	78-59-1	50		NR	NR	NR
Naphthalene	91-20-3	100		1.8 J	0.1 J	0.39 U
Nitrobenzene	98-95-3	10		NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-		NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66		NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100		NR	NR	NR
Pentachlorophenol	87-86-5	6		NR	NR	NR
Phenanthrene	85-01-8	-		1.1 J	0.51 J	0.01 J
Phenol	108-95-2	50		NR	NR	NR
Pyrene	129-00-0	100		7.3 U	1.4 J	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

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Sample IDs noted as DL are dilution samples using EPA Contract Laboratory Program protocol.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	OLF-6	OLF-6	OLF-7
			Sample ID	TRC_OLF-6-6-8	TRC_OLF-6-30-32	TRC_OLF-7-29-31
			Lab ID	375701	375702	375165
			Sample Date	9/10/2002	9/10/2002	9/10/2002
			Depth Interval	6 - 8	30 - 32	29 - 31
1,2,4-Trichlorobenzene	120-82-1	68		1.4 U	1.6 U	1.5 U
1,2-Dichlorobenzene	95-50-1	50		1.4 U	1.6 U	NR
1,2-Diphenylhydrazine	122-66-7	-		NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100		1.4 U	1.6 U	1.5 U
1,4-Dichlorobenzene	106-46-7	100		1.4 U	1.6 U	1.5 U
2,4,6-Trichlorophenol	88-06-2	10		NR	NR	NR
2,4-Dichlorophenol	120-83-2	10		NR	NR	NR
2,4-Dimethylphenol	105-67-9	10		NR	NR	NR
2,4-Dinitrophenol	51-28-5	10		NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-		NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-		NR	NR	NR
2-Chloronaphthalene	91-58-7	-		NR	NR	NR
2-Chlorophenol	95-57-8	10		NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-		NR	NR	NR
2-Nitrophenol	88-75-5	-		NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2		NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-		NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100		NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-		NR	NR	NR
4-Nitrophenol	100-02-7	-		NR	NR	NR
Acenaphthene	83-32-9	100		0.02 J	0.41 U	NR
Acenaphthylene	208-96-8	-		0.02 J	0.41 U	0.41 U
Anthracene	120-12-7	100		0.03 J	0.41 U	0.41 U
Benzo(a)anthracene	56-55-3	0.9		0.35 J	0.01 J	0.02 J
Benzidine	92-87-5	-		NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66		0.51 J	0.01 J	0.41 U
Benzo(b)fluoranthene	205-99-2	0.9		1 J	0.01 J	0.05 J
Benzo(g,h,i)perylene	191-24-2	-		0.43 J	0.01 J	0.41 U
Benzo(k)fluoranthene	207-08-9	0.9		0.4 J	0.01 J	0.02 J
bis(2-Chloroethoxy)methane	111-91-1	-		NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66		NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10		NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49		NR	NR	NR
Butylbenzylphthalate	85-68-7	100		NR	NR	NR
Chrysene	218-01-9	9		0.53 J	0.01 J	0.02 J
Dibenz(a,h)anthracene	53-70-3	0.66		0.15 J	0.41 U	0.01 J
Diethylphthalate	84-66-2	50		NR	NR	NR
Dimethylphthalate	131-11-3	50		NR	NR	NR
Di-n-butylphthalate	84-74-2	100		NR	NR	NR
Di-n-octylphthalate	117-84-0	100		NR	NR	NR
Fluoranthene	206-44-0	100		0.45 J	0.004 J	0.02 J
Fluorene	86-73-7	100		1.7 U	0.41 U	0.41 U
Hexachlorobenzene	118-74-1	0.66		NR	NR	NR
Hexachlorobutadiene	87-68-3	1		NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100		NR	NR	NR
Hexachloroethane	67-72-1	6		NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9		0.47 J	0.01 J	0.41 U
Isophorone	78-59-1	50		NR	NR	NR
Naphthalene	91-20-3	100		0.07 J	0.41 U	0.41 U
Nitrobenzene	98-95-3	10		NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-		NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66		NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100		NR	NR	NR
Pentachlorophenol	87-86-5	6		NR	NR	NR
Phenanthrene	85-01-8	-		0.31 J	0.41 U	0.01 J
Phenol	108-95-2	50		NR	NR	NR
Pyrene	129-00-0	100		0.44 J	0.01 J	0.41 U

NOTES:

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Sample IDs noted as DL are dilution samples using EPA Contract Laboratory Program protocol.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	TP1	TP2	TP3
			Sample ID	TRC_TP1_6-8 376245	TRC_TP2_6-8 376246	TRC_TP3_6-8 376247
			Lab ID	9/12/2002 6 - 8	9/12/2002 6 - 8	9/12/2002 6 - 8
1,2,4-Trichlorobenzene	120-82-1	68		1.3 U	1.4 U	1.4 U
1,2-Dichlorobenzene	95-50-1	50		1.3 U	1.4 U	1.4 U
1,2-Diphenylhydrazine	122-66-7	-		NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100		1.3 U	1.4 U	1.4 U
1,4-Dichlorobenzene	106-46-7	100		1.3 U	1.4 U	1.4 U
2,4,6-Trichlorophenol	88-06-2	10		NR	NR	NR
2,4-Dichlorophenol	120-83-2	10		NR	NR	NR
2,4-Dimethylphenol	105-67-9	10		NR	NR	NR
2,4-Dinitrophenol	51-28-5	10		NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-		NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-		NR	NR	NR
2-Chloronaphthalene	91-58-7	-		NR	NR	NR
2-Chlorophenol	95-57-8	10		NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-		NR	NR	NR
2-Nitrophenol	88-75-5	-		NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2		NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-		NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100		NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-		NR	NR	NR
4-Nitrophenol	100-02-7	-		NR	NR	NR
Acenaphthene	83-32-9	100		0.14 J	3.5 U	3.5 U
Acenaphthylene	208-96-8	-		1.8 U	3.5 U	3.5 U
Anthracene	120-12-7	100		0.13 J	0.05 J	0.09 J
Benzo(a)anthracene	56-55-3	0.9		1.6 J	3.6	1.9 J
Benzidine	92-87-5	-		NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66		1.5 J	4.6	1.8 J
Benzo(b)fluoranthene	205-99-2	0.9		4.1	12	6.1
Benzo(g,h,i)perylene	191-24-2	-		1.8 U	3.5 U	3.5 U
Benzo(k)fluoranthene	207-08-9	0.9		1.4 J	4.3	1.9 J
bis(2-Chloroethoxy)methane	111-91-1	-		NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66		NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10		NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49		NR	NR	NR
Butylbenzylphthalate	85-68-7	100		NR	NR	NR
Chrysene	218-01-9	9		2	6.3	3.1 J
Dibenz(a,h)anthracene	53-70-3	0.66		0.67 J	1.8 J	1 J
Diethylphthalate	84-66-2	50		NR	NR	NR
Dimethylphthalate	131-11-3	50		NR	NR	NR
Di-n-butylphthalate	84-74-2	100		NR	NR	NR
Di-n-octylphthalate	117-84-0	100		NR	NR	NR
Fluoranthene	206-44-0	100		2.3	3.4 J	2 J
Fluorene	86-73-7	100		0.03 J	3.5 U	3.5 U
Hexachlorobenzene	118-74-1	0.66		NR	NR	NR
Hexachlorobutadiene	87-68-3	1		NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100		NR	NR	NR
Hexachloroethane	67-72-1	6		NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9		2.4	7.9	3.6
Isophorone	78-59-1	50		NR	NR	NR
Naphthalene	91-20-3	100		0.05 J	0.08 J	3.5 U
Nitrobenzene	98-95-3	10		NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-		NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66		NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100		NR	NR	NR
Pentachlorophenol	87-86-5	6		NR	NR	NR
Phenanthrene	85-01-8	-		0.86 J	0.5 J	0.63 J
Phenol	108-95-2	50		NR	NR	NR
Pyrene	129-00-0	100		1.7 J	3 J	1.4 J

NOTES:

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Sample IDs noted as DL are dilution samples using EPA Contract Laboratory Program protocol.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	TP4	TP5	TP6
			Sample ID	TRC_TP4_6-8 376248	TRC_TP5_6-8 376249	TRC_TP6_6-8 376250
			Lab ID	9/12/2002 6 - 8	9/12/2002 6 - 8	9/12/2002 6 - 8
1,2,4-Trichlorobenzene	120-82-1	68		1.2 U	1.3 U	1.3 U
1,2-Dichlorobenzene	95-50-1	50		1.2 U	1.3 U	1.3 U
1,2-Diphenylhydrazine	122-66-7	-		NR	NR	NR
1,3-Dichlorobenzene	541-73-1	100		1.2 U	1.3 U	1.3 U
1,4-Dichlorobenzene	106-46-7	100		1.2 U	1.3 U	1.3 U
2,4,6-Trichlorophenol	88-06-2	10		NR	NR	NR
2,4-Dichlorophenol	120-83-2	10		NR	NR	NR
2,4-Dimethylphenol	105-67-9	10		NR	NR	NR
2,4-Dinitrophenol	51-28-5	10		NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-		NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-		NR	NR	NR
2-Chloronaphthalene	91-58-7	-		NR	NR	NR
2-Chlorophenol	95-57-8	10		NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-		NR	NR	NR
2-Nitrophenol	88-75-5	-		NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2		NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-		NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100		NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-		NR	NR	NR
4-Nitrophenol	100-02-7	-		NR	NR	NR
Acenaphthene	83-32-9	100		0.05 J	3.6 U	3.5 U
Acenaphthylene	208-96-8	-		NR	3.6 U	3.5 U
Anthracene	120-12-7	100		0.08 J	0.1 J	0.1 J
Benzo(a)anthracene	56-55-3	0.9		0.58	3.3 J	3.7
Benzidine	92-87-5	-		NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66		0.61	3.1 J	1.6 J
Benzo(b)fluoranthene	205-99-2	0.9		2.1	9	9.9
Benzo(g,h,i)perylene	191-24-2	-		0.35 U	3.6 U	3.5 U
Benzo(k)fluoranthene	207-08-9	0.9		0.69	2.7 J	3.2 J
bis(2-Chloroethoxy)methane	111-91-1	-		NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66		NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10		NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49		NR	NR	NR
Butylbenzylphthalate	85-68-7	100		NR	NR	NR
Chrysene	218-01-9	9		0.7	5.6	6.3
Dibenz(a,h)anthracene	53-70-3	0.66		0.23 J	1.5 J	1.6 J
Diethylphthalate	84-66-2	50		NR	NR	NR
Dimethylphthalate	131-11-3	50		NR	NR	NR
Di-n-butylphthalate	84-74-2	100		NR	NR	NR
Di-n-octylphthalate	117-84-0	100		NR	NR	NR
Fluoranthene	206-44-0	100		0.6	3.8	4.2
Fluorene	86-73-7	100		0.04 J	3.6 U	3.5 U
Hexachlorobenzene	118-74-1	0.66		NR	NR	NR
Hexachlorobutadiene	87-68-3	1		NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100		NR	NR	NR
Hexachloroethane	67-72-1	6		NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9		0.62	4.5	4
Isophorone	78-59-1	50		NR	NR	NR
Naphthalene	91-20-3	100		0.11 J	0.13 J	0.1 J
Nitrobenzene	98-95-3	10		NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-		NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66		NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100		NR	NR	NR
Pentachlorophenol	87-86-5	6		NR	NR	NR
Phenanthrene	85-01-8	-		0.38	0.84 J	0.98 J
Phenol	108-95-2	50		NR	NR	NR
Pyrene	129-00-0	100		0.43	3.2 J	2.4 J

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TABLE 1-C
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Old Landfill
Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	OLF-1	OLF-1	OLF-2
			Sample ID	T-OLF-1	T-OLF-1DL	T-OLF-2
			Lab ID	N21735-1	N21735-1	N21735-2
			Sample Date	9/6/2002	9/6/2002	9/6/2002
			Depth Interval	8 - 10	8 - 10	6 - 8
1,2,4-Trichlorobenzene	120-82-1	68		0.006 U	NR	0.005 U
1,2-Dichlorobenzene	95-50-1	50		0.006 U	NR	0.005 U
1,2-Diphenylhydrazine	122-66-7	-		0.006 U	NR	0.005 U
1,3-Dichlorobenzene	541-73-1	100		0.006 U	NR	0.005 U
1,4-Dichlorobenzene	106-46-7	100		NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10		NR	NR	NR
2,4-Dichlorophenol	120-83-2	10		NR	NR	NR
2,4-Dimethylphenol	105-67-9	10		NR	NR	NR
2,4-Dinitrophenol	51-28-5	10		NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-		NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-		NR	NR	NR
2-Chloronaphthalene	91-58-7	-		NR	NR	NR
2-Chlorophenol	95-57-8	10		NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-		NR	NR	NR
2-Nitrophenol	88-75-5	-		NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2		NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-		NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100		NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-		NR	NR	NR
4-Nitrophenol	100-02-7	-		NR	NR	NR
Acenaphthene	83-32-9	100		0.36 U	1.1 U	0.36 U
Acenaphthylene	208-96-8	-		0.36 U	1.1 U	0.36 U
Anthracene	120-12-7	100		0.36 U	1.1 U	0.04 J
Benzo(a)anthracene	56-55-3	0.9		0.98	0.93 DJ	1.3
Benzidine	92-87-5	-		NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66		1.3	1.3	1.9
Benzo(b)fluoranthene	205-99-2	0.9		4.2	4.5	4.1
Benzo(g,h,i)perylene	191-24-2	-		2.3	1.7	3.2
Benzo(k)fluoranthene	207-08-9	0.9		2.2	2.1	2.3
bis(2-Chloroethoxy)methane	111-91-1	-		NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66		NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10		NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49		NR	NR	NR
Butylbenzylphthalate	85-68-7	100		NR	NR	NR
Chrysene	218-01-9	9		2.1	2.1	2
Dibenz(a,h)anthracene	53-70-3	0.66		0.64	0.51 DJ	0.85
Diethylphthalate	84-66-2	50		NR	NR	NR
Dimethylphthalate	131-11-3	50		NR	NR	NR
Di-n-butylphthalate	84-74-2	100		NR	NR	NR
Di-n-octylphthalate	117-84-0	100		NR	NR	NR
Fluoranthene	206-44-0	100		1.1	1.2	1.3
Fluorene	86-73-7	100		0.36 U	1.1 U	0.36 U
Hexachlorobenzene	118-74-1	0.66		NR	NR	NR
Hexachlorobutadiene	87-68-3	1		NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100		NR	NR	NR
Hexachloroethane	67-72-1	6		NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9		2.5	2	3.6
Isophorone	78-59-1	50		NR	NR	NR
Naphthalene	91-20-3	100		0.036 J	1.1 U	0.031 J
Nitrobenzene	98-95-3	10		NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-		NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66		NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100		NR	NR	NR
Pentachlorophenol	87-86-5	6		NR	NR	NR
Phenanthrene	85-01-8	-		0.25 J	0.25 DJ	0.37
Phenol	108-95-2	50		NR	NR	NR
Pyrene	129-00-0	100		1.1	1 DJ	1.6

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

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J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

D - Indicates compound identified in an analysis at a secondary dilution factor (DL).

Sample IDs noted as DL are dilution samples using EPA Contract Laboratory Program protocol.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	OLF-2	OLF-3	OLF-5
			Sample ID	T-OLF-2DL	T-OLF-3	T-OLF-5
			Lab ID	N21735-2	N21735-3	N21735-9
			Sample Date	9/6/2002	9/6/2002	9/9/2002
Depth Interval			6 - 8	6 - 8	6 - 8	6 - 8
1,2,4-Trichlorobenzene	120-82-1	68		NR	0.006 U	0.006 U
1,2-Dichlorobenzene	95-50-1	50		NR	0.006 U	0.006 U
1,2-Diphenylhydrazine	122-66-7	-		NR	0.006 U	0.006 U
1,3-Dichlorobenzene	541-73-1	100		NR	0.006 U	0.006 U
1,4-Dichlorobenzene	106-46-7	100		NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10		NR	NR	NR
2,4-Dichlorophenol	120-83-2	10		NR	NR	NR
2,4-Dimethylphenol	105-67-9	10		NR	NR	NR
2,4-Dinitrophenol	51-28-5	10		NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-		NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-		NR	NR	NR
2-Chloronaphthalene	91-58-7	-		NR	NR	NR
2-Chlorophenol	95-57-8	10		NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-		NR	NR	NR
2-Nitrophenol	88-75-5	-		NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2		NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-		NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100		NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-		NR	NR	NR
4-Nitrophenol	100-02-7	-		NR	NR	NR
Acenaphthene	83-32-9	100		1.1 U	0.083 J	0.05 J
Acenaphthylene	208-96-8	-		1.1 U	0.38 U	0.36 U
Anthracene	120-12-7	100		1.1 U	0.38 U	0.091 J
Benzo(a)anthracene	56-55-3	0.9		1.1	0.36 J	1.2
Benzidine	92-87-5	-		NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66		1.6	0.83	1.8
Benzo(b)fluoranthene	205-99-2	0.9		3.5	1.3	3.3
Benzo(g,h,i)perylene	191-24-2	-		1.9	1.5	2.5
Benzo(k)fluoranthene	207-08-9	0.9		2.4	0.82	2
bis(2-Chloroethoxy)methane	111-91-1	-		NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66		NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10		NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49		NR	NR	NR
Butylbenzylphthalate	85-68-7	100		NR	NR	NR
Chrysene	218-01-9	9		1.8	0.54	1.7
Dibenz(a,h)anthracene	53-70-3	0.66		0.54 DJ	0.28 J	0.73
Diethylphthalate	84-66-2	50		NR	NR	NR
Dimethylphthalate	131-11-3	50		NR	NR	NR
Di-n-butylphthalate	84-74-2	100		NR	NR	NR
Di-n-octylphthalate	117-84-0	100		NR	NR	NR
Fluoranthene	206-44-0	100		1.3	0.33 J	1.1
Fluorene	86-73-7	100		1.1 U	0.38 U	0.053 J
Hexachlorobenzene	118-74-1	0.66		NR	NR	NR
Hexachlorobutadiene	87-68-3	1		NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100		NR	NR	NR
Hexachloroethane	67-72-1	6		NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9		2.2	1.6	2.8
Isophorone	78-59-1	50		NR	NR	NR
Naphthalene	91-20-3	100		1.1 U	0.38 U	0.21 J
Nitrobenzene	98-95-3	10		NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-		NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66		NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100		NR	NR	NR
Pentachlorophenol	87-86-5	6		NR	NR	NR
Phenanthrene	85-01-8	-		0.34 DJ	0.11 J	0.54
Phenol	108-95-2	50		NR	NR	NR
Pyrene	129-00-0	100		1.2	0.38	1.6

NOTES:

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Sample IDs noted as DL are dilution samples using EPA Contract Laboratory Program protocol.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	OLF-5	OLF-7	OLF-7
			Sample ID	T-OLF-5DL	T-OLF-7	T-OLF-7DL
			Lab ID	N21735-9	N21735-12	N21735-12
			Sample Date	9/9/2002	9/9/2002	9/9/2002
			Depth Interval	6 - 8	6 - 8	6 - 8
1,2,4-Trichlorobenzene	120-82-1	68		NR	0.007 U	NR
1,2-Dichlorobenzene	95-50-1	50		NR	0.007 U	NR
1,2-Diphenylhydrazine	122-66-7	-		NR	0.007 U	NR
1,3-Dichlorobenzene	541-73-1	100		NR	0.007 U	NR
1,4-Dichlorobenzene	106-46-7	100		NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10		NR	NR	NR
2,4-Dichlorophenol	120-83-2	10		NR	NR	NR
2,4-Dimethylphenol	105-67-9	10		NR	NR	NR
2,4-Dinitrophenol	51-28-5	10		NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-		NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-		NR	NR	NR
2-Chloronaphthalene	91-58-7	-		NR	NR	NR
2-Chlorophenol	95-57-8	10		NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-		NR	NR	NR
2-Nitrophenol	88-75-5	-		NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2		NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-		NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100		NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-		NR	NR	NR
4-Nitrophenol	100-02-7	-		NR	NR	NR
Acenaphthene	83-32-9	100		0.042 DJ	0.41 J	NR
Acenaphthylene	208-96-8	-		0.72 U	0.71 U	NR
Anthracene	120-12-7	100		0.088 DJ	0.088 J	NR
Benzo(a)anthracene	56-55-3	0.9		1	1.3	NR
Benzidine	92-87-5	-		NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66		1.5	3	NR
Benzo(b)fluoranthene	205-99-2	0.9		3.3	4	NR
Benzo(g,h,i)perylene	191-24-2	-		1.4	4	NR
Benzo(k)fluoranthene	207-08-9	0.9		2	2.8	NR
bis(2-Chloroethoxy)methane	111-91-1	-		NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66		NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10		NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49		NR	NR	NR
Butylbenzylphthalate	85-68-7	100		NR	NR	NR
Chrysene	218-01-9	9		1.5	1.8	NR
Dibenz(a,h)anthracene	53-70-3	0.66		0.44 DJ	0.79	NR
Diethylphthalate	84-66-2	50		NR	NR	NR
Dimethylphthalate	131-11-3	50		NR	NR	NR
Di-n-butylphthalate	84-74-2	100		NR	NR	NR
Di-n-octylphthalate	117-84-0	100		NR	NR	NR
Fluoranthene	206-44-0	100		1.2	1.2	NR
Fluorene	86-73-7	100		0.045 DJ	0.044 J	0.044 J
Hexachlorobenzene	118-74-1	0.66		NR	NR	NR
Hexachlorobutadiene	87-68-3	1		NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100		NR	NR	NR
Hexachloroethane	67-72-1	6		NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9		1.6	4.2	NR
Isophorone	78-59-1	50		NR	NR	NR
Naphthalene	91-20-3	100		0.21 DJ	0.1 J	NR
Nitrobenzene	98-95-3	10		NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-		NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66		NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100		NR	NR	NR
Pentachlorophenol	87-86-5	6		NR	NR	NR
Phenanthrene	85-01-8	-		0.51 DJ	0.43 J	NR
Phenol	108-95-2	50		NR	NR	NR
Pyrene	129-00-0	100		1.2	1.6	NR

NOTES:

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Sample IDs noted as DL are dilution samples using EPA Contract Laboratory Program protocol.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

	Location ID	OLF-8	OLF-9	OLF-9
	Sample ID	T-OLF-8	T-OLF-9	T-OLF-9B
	Lab ID	N21735-6	N21735-7	N21735-8
	Sample Date	9/9/2002	9/9/2002	9/9/2002
	Depth Interval	8 - 10	6 - 8	25 - 27
Analyte	CAS-RN	MSSCC		
1,2,4-Trichlorobenzene	120-82-1	68	0.005 U	0.58 U
1,2-Dichlorobenzene	95-50-1	50	0.005 U	0.58 U
1,2-Diphenylhydrazine	122-66-7	-	0.005 U	0.58 U
1,3-Dichlorobenzene	541-73-1	100	0.005 U	0.58 U
1,4-Dichlorobenzene	106-46-7	100	NR	NR
2,4,6-Trichlorophenol	88-06-2	10	NR	NR
2,4-Dichlorophenol	120-83-2	10	NR	NR
2,4-Dimethylphenol	105-67-9	10	NR	NR
2,4-Dinitrophenol	51-28-5	10	NR	NR
2,4-Dinitrotoluene	121-14-2	-	NR	NR
2,6-Dinitrotoluene	606-20-2	-	NR	NR
2-Chloronaphthalene	91-58-7	-	NR	NR
2-Chlorophenol	95-57-8	10	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-	NR	NR
2-Nitrophenol	88-75-5	-	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-	NR	NR
4-Chloro-3-methylphenol	59-50-7	100	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-	NR	NR
4-Nitrophenol	100-02-7	-	NR	NR
Acenaphthene	83-32-9	100	0.36 U	0.37 U
Acenaphthylene	208-96-8	-	0.36 U	0.35 U
Anthracene	120-12-7	100	0.36 U	0.37 U
Benzo(a)anthracene	56-55-3	0.9	0.38	0.18 J
Benzidine	92-87-5	-	NR	NR
Benzo(a)pyrene	50-32-8	0.66	0.55	0.25 J
Benzo(b)fluoranthene	205-99-2	0.9	1.1	0.5
Benzo(g,h,i)perylene	191-24-2	-	0.82	0.7
Benzo(k)fluoranthene	207-08-9	0.9	0.74	0.24 J
bis(2-Chloroethoxy)methane	111-91-1	-	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49	NR	NR
Butylbenzylphthalate	85-68-7	100	NR	NR
Chrysene	218-01-9	9	0.59	0.33 J
Dibenz(a,h)anthracene	53-70-3	0.66	0.19 J	0.37 U
Diethylphthalate	84-66-2	50	NR	NR
Dimethylphthalate	131-11-3	50	NR	NR
Di-n-butylphthalate	84-74-2	100	NR	NR
Di-n-octylphthalate	117-84-0	100	NR	NR
Fluoranthene	206-44-0	100	0.34 J	0.16 J
Fluorene	86-73-7	100	0.36 U	0.37 U
Hexachlorobenzene	118-74-1	0.66	NR	NR
Hexachlorobutadiene	87-68-3	1	NR	NR
Hexachlorocyclopentadiene	77-47-4	100	NR	NR
Hexachloroethane	67-72-1	6	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	0.91	0.5
Isophorone	78-59-1	50	NR	NR
Naphthalene	91-20-3	100	0.36 U	0.023 J
Nitrobenzene	98-95-3	10	NR	NR
N-Nitrosodimethylamine	62-75-9	-	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66	NR	NR
N-Nitrosodiphenylamine	86-30-6	100	NR	NR
Pentachlorophenol	87-86-5	6	NR	NR
Phenanthrene	85-01-8	-	0.07 J	0.37 U
Phenol	108-95-2	50	NR	NR
Pyrene	129-00-0	100	0.43	0.23 J
NOTES:				
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U - Indicates that the analyte was not detected at the MDL.				
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D - Indicates compound identified in an analysis at a secondary dilution factor (DL).				
Sample IDs noted as DL are dilution samples using EPA Contract Laboratory Program protocol				
Results in bold indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).				

TABLE 1-C
Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds
Old Landfill
Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	OLF-9	OLF-4	OLF-4
			Sample ID	T-OLF-9BDL N21735-8 9/9/2002 25 - 27	T-OLF-4 N21735-23 9/10/2002 6 - 8	T-OLF-4DL N21735-23 9/10/2002 6 - 8
			Lab ID			
Depth Interval						
1,2,4-Trichlorobenzene	120-82-1	68		NR	0.005 U	NR
1,2-Dichlorobenzene	95-50-1	50		NR	0.005 U	NR
1,2-Diphenylhydrazine	122-66-7	-		NR	0.005 U	NR
1,3-Dichlorobenzene	541-73-1	100		NR	0.005 U	NR
1,4-Dichlorobenzene	106-46-7	100		NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10		NR	NR	NR
2,4-Dichlorophenol	120-83-2	10		NR	NR	NR
2,4-Dimethylphenol	105-67-9	10		NR	NR	NR
2,4-Dinitrophenol	51-28-5	10		NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-		NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-		NR	NR	NR
2-Chloronaphthalene	91-58-7	-		NR	NR	NR
2-Chlorophenol	95-57-8	10		NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-		NR	NR	NR
2-Nitrophenol	88-75-5	-		NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2		NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-		NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100		NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-		NR	NR	NR
4-Nitrophenol	100-02-7	-		NR	NR	NR
Acenaphthene	83-32-9	100		0.7 U	0.063 J	0.058 DJ
Acenaphthylene	208-96-8	-		0.7 U	0.36 U	1.1 U
Anthracene	120-12-7	100		0.7 U	0.11 J	0.12 DJ
Benzo(a)anthracene	56-55-3	0.9		0.82	1.5	1.4
Benzidine	92-87-5	-		NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66		1.3	2.8	2.7
Benzo(b)fluoranthene	205-99-2	0.9		2.7	3.9	3.8
Benzo(g,h,i)perylene	191-24-2	-		0.92	3.8	2.3
Benzo(k)fluoranthene	207-08-9	0.9		1.7	2.5	2.7
bis(2-Chloroethoxy)methane	111-91-1	-		NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66		NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10		NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49		NR	NR	NR
Butylbenzylphthalate	85-68-7	100		NR	NR	NR
Chrysene	218-01-9	9		1.4	2	2
Dibenz(a,h)anthracene	53-70-3	0.66		0.3 DJ	0.98	0.68 DJ
Diethylphthalate	84-66-2	50		NR	NR	NR
Dimethylphthalate	131-11-3	50		NR	NR	NR
Di-n-butylphthalate	84-74-2	100		NR	NR	NR
Di-n-octylphthalate	117-84-0	100		NR	NR	NR
Fluoranthene	206-44-0	100		0.67 DJ	1.4	1.5
Fluorene	86-73-7	100		0.056 DJ	0.036 J	1.1 U
Hexachlorobenzene	118-74-1	0.66		NR	NR	NR
Hexachlorobutadiene	87-68-3	1		NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100		NR	NR	NR
Hexachloroethane	67-72-1	6		NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9		1	4.1	2.6
Isophorone	78-59-1	50		NR	NR	NR
Naphthalene	91-20-3	100		0.22 DJ	0.12 J	0.14 DJ
Nitrobenzene	98-95-3	10		NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-		NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66		NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100		NR	NR	NR
Pentachlorophenol	87-86-5	6		NR	NR	NR
Phenanthrene	85-01-8	-		0.22 DJ	0.74	0.71 DJ
Phenol	108-95-2	50		NR	NR	NR
Pyrene	129-00-0	100		0.67 DJ	1.9	1.6

NOTES:

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Sample IDs noted as DL are dilution samples using EPA Contract Laboratory Program protocol.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	OLF-4	OLF-4	OLF-4
			Sample ID	T-OLF-4A N21735-24 9/10/2002	T-OLF-4ADL N21735-24 9/10/2002	T-OLF-4B N21735-26 9/10/2002
			Lab ID	6 - 8	6 - 8	40 - 42
Depth Interval						
1,2,4-Trichlorobenzene	120-82-1	68		0.006 U	NR	0.006 U
1,2-Dichlorobenzene	95-50-1	50		0.006 U	NR	0.006 U
1,2-Diphenylhydrazine	122-66-7	-		0.006 U	NR	0.006 U
1,3-Dichlorobenzene	541-73-1	100		0.006 U	NR	0.006 U
1,4-Dichlorobenzene	106-46-7	100		NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10		NR	NR	NR
2,4-Dichlorophenol	120-83-2	10		NR	NR	NR
2,4-Dimethylphenol	105-67-9	10		NR	NR	NR
2,4-Dinitrophenol	51-28-5	10		NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-		NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-		NR	NR	NR
2-Chloronaphthalene	91-58-7	-		NR	NR	NR
2-Chlorophenol	95-57-8	10		NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-		NR	NR	NR
2-Nitrophenol	88-75-5	-		NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2		NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-		NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100		NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-		NR	NR	NR
4-Nitrophenol	100-02-7	-		NR	NR	NR
Acenaphthene	83-32-9	100		0.045 J	1.1 U	0.4 U
Acenaphthylene	208-96-8	-		0.36 U	1.1 U	0.4 U
Anthracene	120-12-7	100		0.08 J	0.094 DJ	0.4 U
Benzo(a)anthracene	56-55-3	0.9		1.2	1.1	0.4 U
Benzidine	92-87-5	-		NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66		2.1	2	0.4 U
Benzo(b)fluoranthene	205-99-2	0.9		4	3.8	0.4 U
Benzo(g,h,i)perylene	191-24-2	-		3.7	2.4	0.4 U
Benzo(k)fluoranthene	207-08-9	0.9		2.3	2.6	0.4 U
bis(2-Chloroethoxy)methane	111-91-1	-		NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66		NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10		NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49		NR	NR	NR
Butylbenzylphthalate	85-68-7	100		NR	NR	NR
Chrysene	218-01-9	9		2.3	2.2	0.4 U
Dibenz(a,h)anthracene	53-70-3	0.66		0.9	0.66 DJ	0.4 U
Diethylphthalate	84-66-2	50		NR	NR	NR
Dimethylphthalate	131-11-3	50		NR	NR	NR
Di-n-butylphthalate	84-74-2	100		NR	NR	NR
Di-n-octylphthalate	117-84-0	100		NR	NR	NR
Fluoranthene	206-44-0	100		1.4	1.5	0.4 U
Fluorene	86-73-7	100		0.03 J	1.1 U	0.4 U
Hexachlorobenzene	118-74-1	0.66		NR	NR	NR
Hexachlorobutadiene	87-68-3	1		NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100		NR	NR	NR
Hexachloroethane	67-72-1	6		NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9		3.8	2.6	0.4 U
Isophorone	78-59-1	50		NR	NR	NR
Naphthalene	91-20-3	100		0.19 J	0.22 DJ	0.4 U
Nitrobenzene	98-95-3	10		NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-		NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66		NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100		NR	NR	NR
Pentachlorophenol	87-86-5	6		NR	NR	NR
Phenanthrene	85-01-8	-		1.3	1.3	0.4 U
Phenol	108-95-2	50		NR	NR	NR
Pyrene	129-00-0	100		1.7	1.5	0.4 U

NOTES:

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Sample IDs noted as DL are dilution samples using EPA Contract Laboratory Program protocol.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	OLF-6	OLF-6	OLF-7
			Sample ID	T-OLF-6	T-OLF-6B	T-OLF-7
			Lab ID	N21735-21	N21735-22	N21735-20
			Sample Date	9/10/2002	9/10/2002	9/10/2002
			Depth Interval	6 - 8	30 - 32	29 - 31
1,2,4-Trichlorobenzene	120-82-1	68		0.007 U	0.007 U	0.008 U
1,2-Dichlorobenzene	95-50-1	50		0.007 U	0.007 U	0.008 U
1,2-Diphenylhydrazine	122-66-7	-		0.007 U	0.007 U	0.008 U
1,3-Dichlorobenzene	541-73-1	100		0.007 U	0.007 U	0.008 U
1,4-Dichlorobenzene	106-46-7	100		NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10		NR	NR	NR
2,4-Dichlorophenol	120-83-2	10		NR	NR	NR
2,4-Dimethylphenol	105-67-9	10		NR	NR	NR
2,4-Dinitrophenol	51-28-5	10		NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-		NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-		NR	NR	NR
2-Chloronaphthalene	91-58-7	-		NR	NR	NR
2-Chlorophenol	95-57-8	10		NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-		NR	NR	NR
2-Nitrophenol	88-75-5	-		NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2		NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-		NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100		NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-		NR	NR	NR
4-Nitrophenol	100-02-7	-		NR	NR	NR
Acenaphthene	83-32-9	100		0.67 U	0.42 U	0.4 U
Acenaphthylene	208-96-8	-		0.67 U	0.42 U	0.4 U
Anthracene	120-12-7	100		0.67 U	0.42 U	0.4 U
Benzo(a)anthracene	56-55-3	0.9		0.34 J	0.42 U	0.4 U
Benzidine	92-87-5	-		NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66		0.55 J	0.42 U	0.028 J
Benzo(b)fluoranthene	205-99-2	0.9		0.8	0.42 U	0.034 J
Benzo(g,h,i)perylene	191-24-2	-		0.62 J	0.42 U	0.038 J
Benzo(k)fluoranthene	207-08-9	0.9		0.68	0.42 U	0.029 J
bis(2-Chloroethoxy)methane	111-91-1	-		NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66		NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10		NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49		NR	NR	NR
Butylbenzylphthalate	85-68-7	100		NR	NR	NR
Chrysene	218-01-9	9		0.49 J	0.42 U	0.4 U
Dibenz(a,h)anthracene	53-70-3	0.66		0.15 J	0.42 U	0.4 U
Diethylphthalate	84-66-2	50		NR	NR	NR
Dimethylphthalate	131-11-3	50		NR	NR	NR
Di-n-butylphthalate	84-74-2	100		NR	NR	NR
Di-n-octylphthalate	117-84-0	100		NR	NR	NR
Fluoranthene	206-44-0	100		0.42 J	0.42 U	0.4 U
Fluorene	86-73-7	100		0.67 U	0.42 U	0.4 U
Hexachlorobenzene	118-74-1	0.66		NR	NR	NR
Hexachlorobutadiene	87-68-3	1		NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100		NR	NR	NR
Hexachloroethane	67-72-1	6		NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9		0.74	0.42 U	0.039 J
Isophorone	78-59-1	50		NR	NR	NR
Naphthalene	91-20-3	100		0.065 J	0.42 U	0.4 U
Nitrobenzene	98-95-3	10		NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-		NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66		NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100		NR	NR	NR
Pentachlorophenol	87-86-5	6		NR	NR	NR
Phenanthrene	85-01-8	-		0.33 J	0.42 U	0.4 U
Phenol	108-95-2	50		NR	NR	NR
Pyrene	129-00-0	100		0.52 J	0.42 U	0.4 U

NOTES:

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Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	TP-1	TP-1	TP-2
			Sample ID	T-TP-1	T-TP-1DL	T-TP-2
			Lab ID	N22074-15	9/12/2002	N22074-15
			Sample Date	6 - 8	6 - 8	9/12/2002
			Depth Interval	6 - 8	6 - 8	6 - 8
1,2,4-Trichlorobenzene	120-82-1	68		0.007 U	NR	0.006 U
1,2-Dichlorobenzene	95-50-1	50		0.007 U	NR	0.006 U
1,2-Diphenylhydrazine	122-66-7	-		0.007 U	NR	0.006 U
1,3-Dichlorobenzene	541-73-1	100		0.007 U	NR	0.006 U
1,4-Dichlorobenzene	106-46-7	100		NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10		NR	NR	NR
2,4-Dichlorophenol	120-83-2	10		NR	NR	NR
2,4-Dimethylphenol	105-67-9	10		NR	NR	NR
2,4-Dinitrophenol	51-28-5	10		NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-		NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-		NR	NR	NR
2-Chloronaphthalene	91-58-7	-		NR	NR	NR
2-Chlorophenol	95-57-8	10		NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-		NR	NR	NR
2-Nitrophenol	88-75-5	-		NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2		NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-		NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100		NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-		NR	NR	NR
4-Nitrophenol	100-02-7	-		NR	NR	NR
Acenaphthene	83-32-9	100		3.3	5.4 DJ	0.35 U
Acenaphthylene	208-96-8	-		0.37 U	7.4 U	0.35 U
Anthracene	120-12-7	100		4	6.3 DJ	0.049 J
Benzo(a)anthracene	56-55-3	0.9		8.9	13	3
Benzidine	92-87-5	-		NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66		9.3	14	4.7
Benzo(b)fluoranthene	205-99-2	0.9		10	13	7.5
Benzo(g,h,i)perylene	191-24-2	-		6.6	7.9	6.9
Benzo(k)fluoranthene	207-08-9	0.9		6.2	12	4.8
bis(2-Chloroethoxy)methane	111-91-1	-		NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66		NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10		NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49		NR	NR	NR
Butylbenzylphthalate	85-68-7	100		NR	NR	NR
Chrysene	218-01-9	9		9.3	14	4.4
Dibenz(a,h)anthracene	53-70-3	0.66		2.3	1.8 DJ	1.9
Diethylphthalate	84-66-2	50		NR	NR	NR
Dimethylphthalate	131-11-3	50		NR	NR	NR
Di-n-butylphthalate	84-74-2	100		NR	NR	NR
Di-n-octylphthalate	117-84-0	100		NR	NR	NR
Fluoranthene	206-44-0	100		15	28	2.2
Fluorene	86-73-7	100		1.9	3.1 DJ	0.35 U
Hexachlorobenzene	118-74-1	0.66		NR	NR	NR
Hexachlorobutadiene	87-68-3	1		NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100		NR	NR	NR
Hexachloroethane	67-72-1	6		NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9		7.5	9.1	7
Isophorone	78-59-1	50		NR	NR	NR
Naphthalene	91-20-3	100		0.85	1.3 DJ	0.046 J
Nitrobenzene	98-95-3	10		NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-		NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66		NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100		NR	NR	NR
Pentachlorophenol	87-86-5	6		NR	NR	NR
Phenanthrene	85-01-8	-		14	23	0.38
Phenol	108-95-2	50		NR	NR	NR
Pyrene	129-00-0	100		18	27	3.1

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TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	TP-2	TP-3	TP-3
			Sample ID	T-TP-2DL	T-TP-3	T-TP-3DL
			Lab ID	N22074-14 9/12/2002	N22074-13 9/12/2002	N22074-13 9/12/2002
			Sample Date	6 - 8	6 - 8	6 - 8
			Depth Interval			
1,2,4-Trichlorobenzene	120-82-1	68		NR	0.006 U	NR
1,2-Dichlorobenzene	95-50-1	50		NR	0.006 U	NR
1,2-Diphenylhydrazine	122-66-7	-		NR	0.006 U	NR
1,3-Dichlorobenzene	541-73-1	100		NR	0.006 U	NR
1,4-Dichlorobenzene	106-46-7	100		NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10		NR	NR	NR
2,4-Dichlorophenol	120-83-2	10		NR	NR	NR
2,4-Dimethylphenol	105-67-9	10		NR	NR	NR
2,4-Dinitrophenol	51-28-5	10		NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-		NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-		NR	NR	NR
2-Chloronaphthalene	91-58-7	-		NR	NR	NR
2-Chlorophenol	95-57-8	10		NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-		NR	NR	NR
2-Nitrophenol	88-75-5	-		NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2		NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-		NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100		NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-		NR	NR	NR
4-Nitrophenol	100-02-7	-		NR	NR	NR
Acenaphthene	83-32-9	100		1.7 U	0.023 J	1.8 U
Acenaphthylene	208-96-8	-		1.7 U	0.37 U	1.8 U
Anthracene	120-12-7	100		1.7 U	0.086 J	1.8 U
Benzo(a)anthracene	56-55-3	0.9		3.4	2.4	2.3
Benzidine	92-87-5	-		NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66		5.6	3.4	3.3
Benzo(b)fluoranthene	205-99-2	0.9		8.4	8.8	5.9
Benzo(g,h,i)perylene	191-24-2	-		7.9	3.6	5.4
Benzo(k)fluoranthene	207-08-9	0.9		6.7	3.3	4.3
bis(2-Chloroethoxy)methane	111-91-1	-		NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66		NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10		NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49		NR	NR	NR
Butylbenzylphthalate	85-68-7	100		NR	NR	NR
Chrysene	218-01-9	9		5.3	3.6	3.7
Dibenz(a,h)anthracene	53-70-3	0.66		1.8	1.1	1.3 DJ
Diethylphthalate	84-66-2	50		NR	NR	NR
Dimethylphthalate	131-11-3	50		NR	NR	NR
Di-n-butylphthalate	84-74-2	100		NR	NR	NR
Di-n-octylphthalate	117-84-0	100		NR	NR	NR
Fluoranthene	206-44-0	100		2.7	2.2	2.1
Fluorene	86-73-7	100		1.7 U	0.37 U	1.8 U
Hexachlorobenzene	118-74-1	0.66		NR	NR	NR
Hexachlorobutadiene	87-68-3	1		NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100		NR	NR	NR
Hexachloroethane	67-72-1	6		NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9		8.2	4.5	5.7
Isophorone	78-59-1	50		NR	NR	NR
Naphthalene	91-20-3	100		1.7 U	0.046 J	1.8 U
Nitrobenzene	98-95-3	10		NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-		NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66		NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100		NR	NR	NR
Pentachlorophenol	87-86-5	6		NR	NR	NR
Phenanthrene	85-01-8	-		0.44 DJ	0.6	0.63 DJ
Phenol	108-95-2	50		NR	NR	NR
Pyrene	129-00-0	100		3.4	2.2	2.2

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

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NA - Indicates that the result is not available in the historical document reporting analysis.

NR - Indicates that the analyte was not requested.

U - Indicates that the analyte was not detected at the MDL.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

D - Indicates compound identified in an analysis at a secondary dilution factor (DL).

Sample IDs noted as DL are dilution samples using EPA Contract Laboratory Program protocol.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	TP-4	TP-5	TP-5
			Sample ID	T-TP-4	T-TP-5	T-TP-5DL
			Lab ID	N22074-12	9/12/2002	N22074-11
			Sample Date	6 - 8	6 - 8	9/12/2002
			Depth Interval			6 - 8
1,2,4-Trichlorobenzene	120-82-1	68		0.006 U	0.008 U	NR
1,2-Dichlorobenzene	95-50-1	50		0.006 U	0.008 U	NR
1,2-Diphenylhydrazine	122-66-7	-		0.006 U	0.008 U	NR
1,3-Dichlorobenzene	541-73-1	100		0.006 U	0.008 U	NR
1,4-Dichlorobenzene	106-46-7	100		NR	NR	NR
2,4,6-Trichlorophenol	88-06-2	10		NR	NR	NR
2,4-Dichlorophenol	120-83-2	10		NR	NR	NR
2,4-Dimethylphenol	105-67-9	10		NR	NR	NR
2,4-Dinitrophenol	51-28-5	10		NR	NR	NR
2,4-Dinitrotoluene	121-14-2	-		NR	NR	NR
2,6-Dinitrotoluene	606-20-2	-		NR	NR	NR
2-Chloronaphthalene	91-58-7	-		NR	NR	NR
2-Chlorophenol	95-57-8	10		NR	NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-		NR	NR	NR
2-Nitrophenol	88-75-5	-		NR	NR	NR
3,3'-Dichlorobenzidine	91-94-1	2		NR	NR	NR
4-Bromophenyl phenyl ether	101-55-3	-		NR	NR	NR
4-Chloro-3-methylphenol	59-50-7	100		NR	NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-		NR	NR	NR
4-Nitrophenol	100-02-7	-		NR	NR	NR
Acenaphthene	83-32-9	100		0.024 J	0.36 U	1.8 U
Acenaphthylene	208-96-8	-		0.36 U	0.36 U	1.8 U
Anthracene	120-12-7	100		0.048 J	0.044 J	1.8 U
Benzo(a)anthracene	56-55-3	0.9		0.52	2.2	3.2
Benzidine	92-87-5	-		NR	NR	NR
Benzo(a)pyrene	50-32-8	0.66		1.1	3	4.3
Benzo(b)fluoranthene	205-99-2	0.9		1.7	7.6	7.3
Benzo(g,h,i)perylene	191-24-2	-		1.2	2.3	5.5
Benzo(k)fluoranthene	207-08-9	0.9		1.2	2.7	5.2
bis(2-Chloroethoxy)methane	111-91-1	-		NR	NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66		NR	NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10		NR	NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49		NR	NR	NR
Butylbenzylphthalate	85-68-7	100		NR	NR	NR
Chrysene	218-01-9	9		0.68	3.5	5.3
Dibenz(a,h)anthracene	53-70-3	0.66		0.36	0.84	1.5 DJ
Diethylphthalate	84-66-2	50		NR	NR	NR
Dimethylphthalate	131-11-3	50		NR	NR	NR
Di-n-butylphthalate	84-74-2	100		NR	NR	NR
Di-n-octylphthalate	117-84-0	100		NR	NR	NR
Fluoranthene	206-44-0	100		0.47	2.2	3.4
Fluorene	86-73-7	100		0.019 J	0.36 U	1.8 U
Hexachlorobenzene	118-74-1	0.66		NR	NR	NR
Hexachlorobutadiene	87-68-3	1		NR	NR	NR
Hexachlorocyclopentadiene	77-47-4	100		NR	NR	NR
Hexachloroethane	67-72-1	6		NR	NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9		1.3	2.8	5.5
Isophorone	78-59-1	50		NR	NR	NR
Naphthalene	91-20-3	100		0.054 J	0.063 J	0.11 DJ
Nitrobenzene	98-95-3	10		NR	NR	NR
N-Nitrosodimethylamine	62-75-9	-		NR	NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66		NR	NR	NR
N-Nitrosodiphenylamine	86-30-6	100		NR	NR	NR
Pentachlorophenol	87-86-5	6		NR	NR	NR
Phenanthrene	85-01-8	-		0.24 J	0.47	0.75 DJ
Phenol	108-95-2	50		NR	NR	NR
Pyrene	129-00-0	100		0.48	2.6	3.4

NOTES:

All results are presented in milligrams per kilogram.

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NR - Indicates that the analyte was not requested.

U - Indicates that the analyte was not detected at the MDL.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

D - Indicates compound identified in an analysis at a secondary dilution factor (DL).

Sample IDs noted as DL are dilution samples using EPA Contract Laboratory Program protocol.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-C

Summary of Soil Analytical Results: Base Neutral and Acid Extractable Compounds

Old Landfill

Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	TP-6	TP-6
			Sample ID	T-TP-6	T-TP-6DL
			Lab ID	N22074-9	N22074-9
			Sample Date	9/12/2002	9/12/2002
			Depth Interval	6 - 8	6 - 8
1,2,4-Trichlorobenzene	120-82-1	68		0.006 U	NR
1,2-Dichlorobenzene	95-50-1	50		0.006 U	NR
1,2-Diphenylhydrazine	122-66-7	-		0.006 U	NR
1,3-Dichlorobenzene	541-73-1	100		0.006 U	NR
1,4-Dichlorobenzene	106-46-7	100		NR	NR
2,4,6-Trichlorophenol	88-06-2	10		NR	NR
2,4-Dichlorophenol	120-83-2	10		NR	NR
2,4-Dimethylphenol	105-67-9	10		NR	NR
2,4-Dinitrophenol	51-28-5	10		NR	NR
2,4-Dinitrotoluene	121-14-2	-		NR	NR
2,6-Dinitrotoluene	606-20-2	-		NR	NR
2-Chloronaphthalene	91-58-7	-		NR	NR
2-Chlorophenol	95-57-8	10		NR	NR
2-Methyl-4,6-dinitrophenol	534-52-1	-		NR	NR
2-Nitrophenol	88-75-5	-		NR	NR
3,3'-Dichlorobenzidine	91-94-1	2		NR	NR
4-Bromophenyl phenyl ether	101-55-3	-		NR	NR
4-Chloro-3-methylphenol	59-50-7	100		NR	NR
4-Chlorophenyl phenyl ether	7005-72-3	-		NR	NR
4-Nitrophenol	100-02-7	-		NR	NR
Acenaphthene	83-32-9	100		0.36 U	1.8 U
Acenaphthylene	208-96-8	-		0.36 U	1.8 U
Anthracene	120-12-7	100		0.1 J	0.11 DJ
Benzo(a)anthracene	56-55-3	0.9		3.5	3.8
Benzidine	92-87-5	-		NR	NR
Benzo(a)pyrene	50-32-8	0.66		4.2	4.8
Benzo(b)fluoranthene	205-99-2	0.9		7.7	8.3
Benzo(g,h,i)perylene	191-24-2	-		5.9	6.5
Benzo(k)fluoranthene	207-08-9	0.9		4.6	5.7
bis(2-Chloroethoxy)methane	111-91-1	-		NR	NR
bis(2-Chloroethyl)ether	111-44-4	0.66		NR	NR
bis(2-Chloroisopropyl)ether	108-60-1	10		NR	NR
bis(2-Ethylhexyl)phthalate	117-81-7	49		NR	NR
Butylbenzylphthalate	85-68-7	100		NR	NR
Chrysene	218-01-9	9		5.7	6.2
Dibenz(a,h)anthracene	53-70-3	0.66		1.9	1.8
Diethylphthalate	84-66-2	50		NR	NR
Dimethylphthalate	131-11-3	50		NR	NR
Di-n-butylphthalate	84-74-2	100		NR	NR
Di-n-octylphthalate	117-84-0	100		NR	NR
Fluoranthene	206-44-0	100		3.3	3.9
Fluorene	86-73-7	100		0.36 U	1.8 U
Hexachlorobenzene	118-74-1	0.66		NR	NR
Hexachlorobutadiene	87-68-3	1		NR	NR
Hexachlorocyclopentadiene	77-47-4	100		NR	NR
Hexachloroethane	67-72-1	6		NR	NR
Indeno(1,2,3-cd)pyrene	193-39-5	0.9		5.8	6.4
Iso phorone	78-59-1	50		NR	NR
Naphthalene	91-20-3	100		0.099 J	0.1 DJ
Nitrobenzene	98-95-3	10		NR	NR
N-Nitrosodimethylamine	62-75-9	-		NR	NR
N-Nitroso-di-n-propylamine	621-64-7	0.66		NR	NR
N-Nitrosodiphenylamine	86-30-6	100		NR	NR
Pentachlorophenol	87-86-5	6		NR	NR
Phenanthrene	85-01-8	-		0.91	1 DJ
Phenol	108-95-2	50		NR	NR
Pyrene	129-00-0	100		4.1	4.3

NOTES:

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NA - Indicates that the result is not available in the historical document reporting analysis.

NR - Indicates that the analyte was not requested.

U - Indicates that the analyte was not detected at the MDL.

J - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

D - Indicates compound identified in an analysis at a secondary dilution factor (DL).

Sample IDs noted as DL are dilution samples using EPA Contract Laboratory Program protocol.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-D
Summary of Soil Analytical Results: Polychlorinated Biphenyls and Pesticides
Old Landfill
Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

	Location ID Sample ID	A29-1 A29-1-A	A29-1 A29-1-B	A29-1 A29-1-C	A29-1 A29-1-D	A29-1 A29-1-E
	Lab ID	256801	256802	256803	256804	256805
	Sample Date	2/13/2001	2/13/2001	2/13/2001	2/13/2001	2/13/2001
	Depth Interval	6 - 6.5	16 - 16.5	23 - 23.5	35 - 35.5	41 - 41.5
Analyte	CAS-RN	MSSCC				
Aroclor-1016	12674-11-2	-	0.07 U	0.07 U	0.07 U	0.08 U
Aroclor-1221	11104-28-2	-	0.07 U	0.07 U	0.07 U	0.08 U
Aroclor-1232	11141-16-5	-	0.07 U	0.07 U	0.07 U	0.08 U
Aroclor-1242	53469-21-9	-	0.07 U	0.07 U	0.07 U	0.08 U
Aroclor-1248	12672-29-6	-	0.07 U	0.26	0.07 U	0.23
Aroclor-1254	11097-69-1	-	0.07 U	0.07 U	0.07 U	0.08 U
Aroclor-1260	11096-82-5	-	0.17	0.07 U	0.07 U	0.08 U
Aroclor-1262	37324-23-5	-	0.07 U	0.07 U	0.07 U	0.08 U
Aroclor-1268	11100-14-4	-	0.07 U	0.07 U	0.07 U	0.08 U
Total Aroclors		0.49	0.17	0.26	ND	0.23
Pesticides	CAS-RN	MSSCC				
4,4'-DDD_(p,p')_Dichlorodiphenyl_dich	72-54-8	3	NR	NR	NR	NR
4,4'-DDE_(p,p')_Dichlorodiphenyltrichlo	72-55-9	2	NR	NR	NR	NR
4,4'-DDT_(p,p')_Dichlorodiphenyltrichlo	50-29-3	2	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR
alpha-Chlordane	5103-71-9	-	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohe:	319-86-8	-	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR
Endrin_ketone	53494-70-5	-	NR	NR	NR	NR
Gamma_chlordane	5103-74-2	-	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR
Heptachlor_epoxide	1024-57-3	-	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR
Methoxychlor	72-43-5	50	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR

NOTES:

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CAS-RN = Chemical Abstract Service Registry Number.

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NR - Indicates that the analyte was not requested.

ND - Indicates that the analyte was not detected in any of the listed Aroclor compounds above the MDL.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

D - Indicates that the analyte was identified in an analysis at a secondary dilution factor.

Results in **bold** indicate that the results, the MDL or the Reporting Detection Limit (RDL) exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-D
Summary of Soil Analytical Results: Polychlorinated Biphenyls and Pesticides
Old Landfill
Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

	Location ID Sample ID	A29-2 A29-2-A	A29-2 A29-2-B	A29-2 A29-2-C	A29-2 A29-2-D	A29-3 A29-3-A
	Lab ID	257518	257519	257520	257521	257512
	Sample Date	2/14/2001	2/14/2001	2/14/2001	2/14/2001	2/14/2001
	Depth Interval	6.5 - 7	16 - 16.5	26 - 26.5	34 - 34.5	5 - 5.5
Analyte	CAS-RN	MSSCC				
Aroclor-1016	12674-11-2	-	0.54 U	0.07 U	0.08 U	0.08 U
Aroclor-1221	11104-28-2	-	0.54 U	0.07 U	0.08 U	0.08 U
Aroclor-1232	11141-16-5	-	0.54 U	0.07 U	0.08 U	0.08 U
Aroclor-1242	53469-21-9	-	0.54 U	0.07 U	0.08 U	0.08 U
Aroclor-1248	12672-29-6	-	0.54 U	0.17	0.08 U	0.08 U
Aroclor-1254	11097-69-1	-	3.7	0.07 U	0.08 U	1.1 P*
Aroclor-1260	11096-82-5	-	0.54 U	0.07 U	0.08 U	0.88
Aroclor-1262	37324-23-5	-	0.54 U	0.07 U	0.08 U	0.08 U
Aroclor-1268	11100-14-4	-	0.54 U	0.07 U	0.08 U	0.08 U
Total Aroclors		0.49	3.7	0.17	ND	ND
Pesticides	CAS-RN	MSSCC				
4,4'-DDD_(p,p')_Dichlorodiphenyl_dich	72-54-8	3	NR	NR	NR	NR
4,4'-DDE_(p,p')_Dichlorodiphenyltrichlo	72-55-9	2	NR	NR	NR	NR
4,4'-DDT_(p,p')_Dichlorodiphenyltrichlo	50-29-3	2	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR
alpha-Chlordane	5103-71-9	-	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohe:	319-86-8	-	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR
Endrin_ketone	53494-70-5	-	NR	NR	NR	NR
Gamma_chlordane	5103-74-2	-	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR
Heptachlor_epoxide	1024-57-3	-	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR
Methoxychlor	72-43-5	50	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR

NOTES:

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CAS-RN = Chemical Abstract Service Registry Number.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

NR - Indicates that the analyte was not requested.

ND - Indicates that the analyte was not detected in any of the listed Aroclor compounds above the MDL.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

D - Indicates that the analyte was identified in an analysis at a secondary dilution factor.

Results in **bold** indicate that the results, the MDL or the Reporting Detection Limit (RDL) exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-D
Summary of Soil Analytical Results: Polychlorinated Biphenyls and Pesticides
Old Landfill
Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

	Location ID	A29-3	A29-3	A29-3	A29-3	A29-5
	Sample ID	A29-3-B	A29-3-C	A29-3-D	A29-3-E	A29-5-A
	Lab ID	257514	257515	257516	257517	258050
	Sample Date	2/14/2001	2/14/2001	2/14/2001	2/14/2001	2/15/2001
	Depth Interval	16 - 16.5	25 - 25.5	29 - 29.5	34 - 34.5	6 - 6.5
Analyte	CAS-RN	MSSCC				
Aroclor-1016	12674-11-2	-	0.08 U	0.09 U	0.08 U	0.08 U
Aroclor-1221	11104-28-2	-	0.08 U	0.09 U	0.08 U	0.08 U
Aroclor-1232	11141-16-5	-	0.08 U	0.09 U	0.08 U	0.08 U
Aroclor-1242	53469-21-9	-	0.08 U	0.09 U	0.08 U	0.08 U
Aroclor-1248	12672-29-6	-	0.08 U	0.09 U	0.08 U	0.08 U
Aroclor-1254	11097-69-1	-	0.08 U	0.09 U	0.08 U	0.08 U
Aroclor-1260	11096-82-5	-	0.38	0.09 U	0.08 U	0.08 U
Aroclor-1262	37324-23-5	-	0.08 U	0.09 U	0.08 U	0.08 U
Aroclor-1268	11100-14-4	-	0.08 U	0.09 U	0.08 U	0.08 U
Total Aroclors		0.49	0.38	ND	ND	ND
Pesticides	CAS-RN	MSSCC				
4,4'-DDD_(p,p')_Dichlorodiphenyl_dich	72-54-8	3	NR	NR	NR	NR
4,4'-DDE_(p,p')_Dichlorodiphenyltrichlo	72-55-9	2	NR	NR	NR	NR
4,4'-DDT_(p,p')_Dichlorodiphenyltrichlo	50-29-3	2	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR
alpha-Chlordane	5103-71-9	-	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohe:	319-86-8	-	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR
Endrin_ketone	53494-70-5	-	NR	NR	NR	NR
Gamma_chlordane	5103-74-2	-	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR
Heptachlor_epoxide	1024-57-3	-	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR
Methoxychlor	72-43-5	50	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

NR - Indicates that the analyte was not requested.

ND - Indicates that the analyte was not detected in any of the listed Aroclor compounds above the MDL.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

D - Indicates that the analyte was identified in an analysis at a secondary dilution factor.

Results in **bold** indicate that the results, the MDL or the Reporting Detection Limit (RDL) exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-D
Summary of Soil Analytical Results: Polychlorinated Biphenyls and Pesticides
Old Landfill
Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

	Location ID Sample ID	A29-5 A29-5-B	A29-5 A29-5-C	OLF-1 TRC-OLF1_8-10	OLF-2 TRC-OLF2_6-8	OLF-3 TRC-OLF3_6-8
	Lab ID	258052	258053	374547	374548	374549
	Sample Date	2/15/2001	2/15/2001	9/6/2002	9/6/2002	9/6/2002
	Depth Interval	16 - 16.5	29 - 29.5	8 - 10	6 - 8	6 - 8
Analyte	CAS-RN	MSSCC				
Aroclor-1016	12674-11-2	-	0.08 U	0.08 U	0.04 U	0.04 U
Aroclor-1221	11104-28-2	-	0.08 U	0.08 U	0.07 U	0.08 U
Aroclor-1232	11141-16-5	-	0.08 U	0.08 U	0.04 U	0.04 U
Aroclor-1242	53469-21-9	-	0.08 U	0.08 U	0.04 U	0.04 U
Aroclor-1248	12672-29-6	-	0.08 U	0.08 U	0.04 U	0.04 U
Aroclor-1254	11097-69-1	-	0.08 U	0.08 U	0.04 U	0.04 U
Aroclor-1260	11096-82-5	-	0.08 U	0.08 U	0.04 U	0.04 U
Aroclor-1262	37324-23-5	-	0.08 U	0.08 U	NR	NR
Aroclor-1268	11100-14-4	-	0.08 U	0.08 U	NR	NR
Total Aroclors		0.49	ND	ND	ND	ND
Pesticides	CAS-RN	MSSCC				
4,4'-DDD_(p,p')_Dichlorodiphenyl_dich	72-54-8	3	NR	NR	NR	NR
4,4'-DDE_(p,p')_Dichlorodiphenyltrichlo	72-55-9	2	NR	NR	NR	NR
4,4'-DDT_(p,p')_Dichlorodiphenyltrichlo	50-29-3	2	NR	NR	NR	NR
Aldrin	309-00-2	0.04	NR	NR	NR	NR
alpha_BHC	319-84-6	-	NR	NR	NR	NR
alpha-Chlordane	5103-71-9	-	NR	NR	NR	NR
beta_BHC	319-85-7	-	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohe:	319-86-8	-	NR	NR	NR	NR
Dieldrin	60-57-1	0.042	NR	NR	NR	NR
Endosulfan_I	959-98-8	-	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-	NR	NR	NR	NR
Endrin	72-20-8	17	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-	NR	NR	NR	NR
Endrin_ketone	53494-70-5	-	NR	NR	NR	NR
Gamma_chlordane	5103-74-2	-	NR	NR	NR	NR
Heptachlor	76-44-8	0.15	NR	NR	NR	NR
Heptachlor_epoxide	1024-57-3	-	NR	NR	NR	NR
Lindane	58-89-9	0.52	NR	NR	NR	NR
Methoxychlor	72-43-5	50	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

NR - Indicates that the analyte was not requested.

ND - Indicates that the analyte was not detected in any of the listed Aroclor compounds above the MDL.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

D - Indicates that the analyte was identified in an analysis at a secondary dilution factor.

Results in **bold** indicate that the results, the MDL or the Reporting Detection Limit (RDL) exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-D
Summary of Soil Analytical Results: Polychlorinated Biphenyls and Pesticides
Old Landfill
Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	OLF-5	OLF-7	OLF-8	OLF-9	OLF-9
			Sample ID	TRC_OLF-5-6-8	TRC_OLF-7-6-8	TRC_OLF-8-6-8	TRC_OLF-9-6-8	TRC_OLF-9-25-27
			Lab ID	375158	375160	375159	375161	375162
			Sample Date	9/9/2002	9/9/2002	9/9/2002	9/9/2002	9/9/2002
			Depth Interval	6 - 8	6 - 8	6 - 8	6 - 8	25 - 27
Total Aroclors		0.49		0.38	ND	3.94	ND	ND
Pesticides	CAS-RN	MSSCC						
4,4'-DDD_(p,p')_Dichlorodiphenyl_dich	72-54-8	3		NR	NR	NR	NR	NR
4,4'-DDE_(p,p')_Dichlorodiphenyltrichlo	72-55-9	2		NR	NR	NR	NR	NR
4,4'-DDT_(p,p')_Dichlorodiphenyltrichlo	50-29-3	2		NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04		NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-		NR	NR	NR	NR	NR
alpha-Chlordane	5103-71-9	-		NR	NR	NR	NR	NR
beta_BHC	319-85-7	-		NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohe:	319-86-8	-		NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042		NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-		NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-		NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-		NR	NR	NR	NR	NR
Endrin	72-20-8	17		NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-		NR	NR	NR	NR	NR
Endrin_ketone	53494-70-5	-		NR	NR	NR	NR	NR
Gamma_chlordane	5103-74-2	-		NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15		NR	NR	NR	NR	NR
Heptachlor_epoxide	1024-57-3	-		NR	NR	NR	NR	NR
Lindane	58-89-9	0.52		NR	NR	NR	NR	NR
Methoxychlor	72-43-5	50		NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1		NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

NR - Indicates that the analyte was not requested.

ND - Indicates that the analyte was not detected in any of the listed Aroclor compounds above the MDL.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

D - Indicates that the analyte was identified in an analysis at a secondary dilution factor.

Results in **bold** indicate that the results, the MDL or the Reporting Detection Limit (RDL) exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-D
Summary of Soil Analytical Results: Polychlorinated Biphenyls and Pesticides
Old Landfill
Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	OLF-4	OLF-4	OLF-6	OLF-6	OLF-7
			Sample ID	TRC_OLF-4-6-8	TRC_OLF-4-40-42	TRC_OLF-6-6-8	TRC_OLF-6-30-32	TRC_OLF-7-29-31
			Lab ID	375703	375704	375701	375702	375165
			Sample Date	9/10/2002	9/10/2002	9/10/2002	9/10/2002	9/10/2002
			Depth Interval	6 - 8	40 - 42	6 - 8	30 - 32	29 - 31
Total Aroclors		0.49		0.2	ND	0.09	ND	ND
Pesticides	CAS-RN	MSSCC						
4,4'-DDD_(p,p')_Dichlorodiphenyl_dich	72-54-8	3		NR	NR	NR	NR	NR
4,4'-DDE_(p,p')_Dichlorodiphenyltrichlo	72-55-9	2		NR	NR	NR	NR	NR
4,4'-DDT_(p,p')_Dichlorodiphenyltrichlo	50-29-3	2		NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04		NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-		NR	NR	NR	NR	NR
alpha-Chlordane	5103-71-9	-		NR	NR	NR	NR	NR
beta_BHC	319-85-7	-		NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohe:	319-86-8	-		NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042		NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-		NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-		NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-		NR	NR	NR	NR	NR
Endrin	72-20-8	17		NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-		NR	NR	NR	NR	NR
Endrin_ketone	53494-70-5	-		NR	NR	NR	NR	NR
Gamma_chlordane	5103-74-2	-		NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15		NR	NR	NR	NR	NR
Heptachlor_epoxide	1024-57-3	-		NR	NR	NR	NR	NR
Lindane	58-89-9	0.52		NR	NR	NR	NR	NR
Methoxychlor	72-43-5	50		NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1		NR	NR	NR	NR	NR

NOTES:

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Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

NR - Indicates that the analyte was not requested.

ND - Indicates that the analyte was not detected in any of the listed Aroclor compounds above the MDL.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

D - Indicates that the analyte was identified in an analysis at a secondary dilution factor.

Results in **bold** indicate that the results, the MDL or the Reporting Detection Limit (RDL) exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-D
Summary of Soil Analytical Results: Polychlorinated Biphenyls and Pesticides
Old Landfill
Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	TP1	TP2	TP3	TP4	TP5
			Sample ID	TRC_TP1_6-8	TRC_TP2_6-8	TRC_TP3_6-8	TRC_TP4_6-8	TRC_TP5_6-8
			Lab ID	376245	376246	376247	376248	376249
			Sample Date	9/12/2002	9/12/2002	9/12/2002	9/12/2002	9/12/2002
			Depth Interval	6 - 8	6 - 8	6 - 8	6 - 8	6 - 8
Total Aroclors		0.49		ND	ND	ND	ND	ND
Pesticides	CAS-RN	MSSCC						
4,4'-DDD_(p,p')_Dichlorodiphenyl_dich	72-54-8	3		NR	NR	NR	NR	NR
4,4'-DDE_(p,p')_Dichlorodiphenyltrichlo	72-55-9	2		NR	NR	NR	NR	NR
4,4'-DDT_(p,p')_Dichlorodiphenyltrichlo	50-29-3	2		NR	NR	NR	NR	NR
Aldrin	309-00-2	0.04		NR	NR	NR	NR	NR
alpha_BHC	319-84-6	-		NR	NR	NR	NR	NR
alpha-Chlordane	5103-71-9	-		NR	NR	NR	NR	NR
beta_BHC	319-85-7	-		NR	NR	NR	NR	NR
delta_BHC_(delta_Hexachlorocyclohe:	319-86-8	-		NR	NR	NR	NR	NR
Dieldrin	60-57-1	0.042		NR	NR	NR	NR	NR
Endosulfan_I	959-98-8	-		NR	NR	NR	NR	NR
Endosulfan_II	33213-65-9	-		NR	NR	NR	NR	NR
Endosulfan_sulfate	1031-07-8	-		NR	NR	NR	NR	NR
Endrin	72-20-8	17		NR	NR	NR	NR	NR
Endrin_aldehyde	7421-93-4	-		NR	NR	NR	NR	NR
Endrin_ketone	53494-70-5	-		NR	NR	NR	NR	NR
Gamma_chlordane	5103-74-2	-		NR	NR	NR	NR	NR
Heptachlor	76-44-8	0.15		NR	NR	NR	NR	NR
Heptachlor_epoxide	1024-57-3	-		NR	NR	NR	NR	NR
Lindane	58-89-9	0.52		NR	NR	NR	NR	NR
Methoxychlor	72-43-5	50		NR	NR	NR	NR	NR
Toxaphene	8001-35-2	0.1		NR	NR	NR	NR	NR

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

NR - Indicates that the analyte was not requested.

ND - Indicates that the analyte was not detected in any of the listed Aroclor compounds above the MDL.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

D - Indicates that the analyte was identified in an analysis at a secondary dilution factor.

Results in **bold** indicate that the results, the MDL or the Reporting Detection Limit (RDL) exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-D
Summary of Soil Analytical Results: Polychlorinated Biphenyls and Pesticides
Old Landfill
Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

	Location ID Sample ID	TP6 TRC_TP6_6-8 376250	OLF-1 T-OLF-1 N21735-1	OLF-2 T-OLF-2 N21735-2	OLF-3 T-OLF-3 N21735-3	OLF-5 T-OLF-5 N21735-9
	Lab ID Sample Date Depth Interval	9/12/2002 6 - 8	9/6/2002 8 - 10	9/6/2002 6 - 8	9/6/2002 6 - 8	9/9/2002 6 - 8
Analyte	CAS-RN	MSSCC				
Aroclor-1016	12674-11-2	-	0.036 U	0.036 U	0.036 U	0.036 U
Aroclor-1221	11104-28-2	-	0.071 U	0.073 U	0.072 U	0.072 U
Aroclor-1232	11141-16-5	-	0.036 U	0.036 U	0.036 U	0.036 U
Aroclor-1242	53469-21-9	-	0.036 U	0.036 U	0.036 U	0.036 U
Aroclor-1248	12672-29-6	-	0.036 U	0.036 U	0.036 U	0.036 U
Aroclor-1254	11097-69-1	-	0.036 U	0.036 U	0.036 U	0.036 U
Aroclor-1260	11096-82-5	-	0.036 U	0.036 U	0.039 U	0.036 U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR
Total Aroclors		0.49	ND	ND	ND	ND
Pesticides	CAS-RN	MSSCC				
4,4'-DDD_(p,p')_Dichlorodiphenyl_dich	72-54-8	3	NR	0.0036 U	0.0036 U	0.0036 U
4,4'-DDE_(p,p')_Dichlorodiphenyltrichlo	72-55-9	2	NR	0.0036 U	0.017	0.0039 U
4,4'-DDT_(p,p')_Dichlorodiphenyltrichlo	50-29-3	2	NR	0.0036 U	0.0036 U	0.0036 U
Aldrin	309-00-2	0.04	NR	0.0018 U	0.0018 U	0.002 U
alpha_BHC	319-84-6	-	NR	0.0018 U	0.0018 U	0.0018 U
alpha-Chlordane	5103-71-9	-	NR	0.0018 U	0.0018 U	0.002 U
beta_BHC	319-85-7	-	NR	0.0018 U	0.0018 U	0.002 U
delta_BHC_(delta_Hexachlorocyclohe:	319-86-8	-	NR	0.0018 U	0.0018 U	0.002 U
Dieldrin	60-57-1	0.042	NR	0.0036 U	0.0036 U	0.0039 U
Endosulfan_I	959-98-8	-	NR	0.0018 U	0.0018 U	0.002 U
Endosulfan_II	33213-65-9	-	NR	0.0036 U	0.0036 U	0.0039 U
Endosulfan_sulfate	1031-07-8	-	NR	0.0036 U	0.0036 U	0.0039 U
Endrin	72-20-8	17	NR	0.0036 U	0.0036 U	0.0039 U
Endrin_aldehyde	7421-93-4	-	NR	0.0036 U	0.0036 U	0.0039 U
Endrin_ketone	53494-70-5	-	NR	0.0036 U	0.0036 U	0.0039 U
Gamma_chlordane	5103-74-2	-	NR	0.0018 U	0.0018 U	0.002 U
Heptachlor	76-44-8	0.15	NR	0.0018 U	0.0018 U	0.002 U
Heptachlor_epoxide	1024-57-3	-	NR	0.0018 U	0.0018 U	0.002 U
Lindane	58-89-9	0.52	NR	0.0018 U	0.0018 U	0.002 U
Methoxychlor	72-43-5	50	NR	0.018 U	0.018 U	0.02 U
Toxaphene	8001-35-2	0.1	NR	0.18 U	0.18 U	0.2 U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

NR - Indicates that the analyte was not requested.

ND - Indicates that the analyte was not detected in any of the listed Aroclor compounds above the MDL.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

D - Indicates that the analyte was identified in an analysis at a secondary dilution factor.

Results in **bold** indicate that the results, the MDL or the Reporting Detection Limit (RDL) exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-D
Summary of Soil Analytical Results: Polychlorinated Biphenyls and Pesticides
Old Landfill
Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

	Location ID Sample ID	OLF-7 T-OLF-7	OLF-8 T-OLF-8	OLF-9 T-OLF-9	OLF-9 T-OLF-9B	OLF-4 T-OLF-4
	Lab ID Sample Date	N21735-12 9/9/2002 6 - 8	N21735-6 9/9/2002 6 - 8	N21735-7 9/9/2002 6 - 8	N21735-8 9/9/2002 25 - 27	N21735-23 9/10/2002 6 - 8
Analyte	CAS-RN	MSSCC				
Aroclor-1016	12674-11-2	-	0.07 U	0.037 U	0.038 U	0.035 U
Aroclor-1221	11104-28-2	-	0.14 U	0.073 U	0.075 U	0.07 U
Aroclor-1232	11141-16-5	-	0.07 U	0.037 U	0.038 U	0.035 U
Aroclor-1242	53469-21-9	-	0.07 U	0.037 U	0.038 U	0.035 U
Aroclor-1248	12672-29-6	-	0.07 U	0.037 U	0.038 U	0.035 U
Aroclor-1254	11097-69-1	-	0.07 U	0.037 U	0.038 U	0.035 U
Aroclor-1260	11096-82-5	-	0.07 U	0.037 U	0.038 U	0.035 U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR
Total Aroclors		0.49	ND	ND	ND	0.79
Pesticides	CAS-RN	MSSCC				
4,4'-DDD_(p,p')_Dichlorodiphenyl_dich	72-54-8	3	0.007 U	0.0037 U	0.0038 U	0.0035 U
4,4'-DDE_(p,p')_Dichlorodiphenyltrichl	72-55-9	2	0.007 U	0.0037 U	0.0038 U	0.0035 U
4,4'-DDT_(p,p')_Dichlorodiphenyltrichlo	50-29-3	2	0.007 U	0.0097	0.0038 U	0.0035 U
Aldrin	309-00-2	0.04	0.0035 U	0.0018 U	0.0019 U	0.0018 U
alpha_BHC	319-84-6	-	0.0035 U	0.0018 U	0.0019 U	0.0018 U
alpha-Chlordane	5103-71-9	-	0.0035 U	0.0018 U	0.0019 U	0.0018 U
beta_BHC	319-85-7	-	0.0035 U	0.0018 U	0.0019 U	0.0018 U
delta_BHC_(delta_Hexachlorocyclohe:	319-86-8	-	0.0035 U	0.0018 U	0.0019 U	0.0018 U
Dieldrin	60-57-1	0.042	0.007 U	0.0037 U	0.0038 U	0.0035 U
Endosulfan_I	959-98-8	-	0.0035 U	0.0018 U	0.0019 U	0.0018 U
Endosulfan_II	33213-65-9	-	0.007 U	0.0037 U	0.0038 U	0.0035 U
Endosulfan_sulfate	1031-07-8	-	0.007 U	0.0037 U	0.0038 U	0.0035 U
Endrin	72-20-8	17	0.007 U	0.0037 U	0.0038 U	0.0035 U
Endrin_aldehyde	7421-93-4	-	0.007 U	0.0037 U	0.0038 U	0.0035 U
Endrin_ketone	53494-70-5	-	0.007 U	0.0037 U	0.0038 U	0.0035 U
Gamma_chlordane	5103-74-2	-	0.0035 U	0.0018 U	0.0019 U	0.0018 U
Heptachlor	76-44-8	0.15	0.0035 U	0.0018 U	0.0019 U	0.0018 U
Heptachlor_epoxide	1024-57-3	-	0.0035 U	0.0018 U	0.0019 U	0.0018 U
Lindane	58-89-9	0.52	0.0035 U	0.0018 U	0.0019 U	0.0018 U
Methoxychlor	72-43-5	50	0.035 U	0.018 U	0.019 U	0.018 U
Toxaphene	8001-35-2	0.1	0.35 U	0.18 U	0.19 U	0.18 U

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

U - Indicates that the analyte was not detected at the Method Detection Limit (MDL).

NR - Indicates that the analyte was not requested.

ND - Indicates that the analyte was not detected in any of the listed Aroclor compounds above the MDL.

P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

D - Indicates that the analyte was identified in an analysis at a secondary dilution factor.

Results in **bold** indicate that the results, the MDL or the Reporting Detection Limit (RDL) exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-D
Summary of Soil Analytical Results: Polychlorinated Biphenyls and Pesticides
Old Landfill
Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

	Location ID Sample ID	OLF-4 T-OLF-4A N21735-24 9/10/2002 6 - 8	OLF-4 T-OLF-4B N21735-26 9/10/2002 40 - 42	OLF-6 T-OLF-6 N21735-21 9/10/2002 6 - 8	OLF-6 T-OLF-6B N21735-22 9/10/2002 30 - 32	OLF-7 T-OLF-7 N21735-20 9/10/2002 29 - 31
Analyte	CAS-RN	MSSCC				
Aroclor-1016	12674-11-2	-	0.036 U	0.04 U	0.068 U	0.041 U
Aroclor-1221	11104-28-2	-	0.073 U	0.081 U	0.14 U	0.083 U
Aroclor-1232	11141-16-5	-	0.036 U	0.04 U	0.068 U	0.041 U
Aroclor-1242	53469-21-9	-	0.036 U	0.04 U	0.068 U	0.041 U
Aroclor-1248	12672-29-6	-	0.036 U	0.04 U	0.068 U	0.041 U
Aroclor-1254	11097-69-1	-	0.24	0.04 U	0.068 U	0.041 U
Aroclor-1260	11096-82-5	-	0.036 U	0.04 U	0.068 U	0.041 U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR
Total Aroclors		0.49	0.24	ND	ND	ND
Pesticides	CAS-RN	MSSCC				
4,4'-DDD_(p,p')_Dichlorodiphenyl_dich	72-54-8	3	0.0036 U	0.004 U	0.0068 U	0.0041 U
4,4'-DDE_(p,p')_Dichlorodiphenyltrichlo	72-55-9	2	0.0036 U	0.004 U	0.0068 U	0.0041 U
4,4'-DDT_(p,p')_Dichlorodiphenyltrichlo	50-29-3	2	0.0036 U	0.004 U	0.0068 U	0.0041 U
Aldrin	309-00-2	0.04	0.0018 U	0.002 U	0.0034 U	0.0021 U
alpha_BHC	319-84-6	-	0.0018 U	0.002 U	0.0034 U	0.0021 U
alpha-Chlordane	5103-71-9	-	0.0018 U	0.002 U	0.0034 U	0.0021 U
beta_BHC	319-85-7	-	0.0018 U	0.002 U	0.0034 U	0.0021 U
delta_BHC_(delta_Hexachlorocyclohe:	319-86-8	-	0.0018 U	0.002 U	0.0034 U	0.0021 U
Dieldrin	60-57-1	0.042	0.0036 U	0.004 U	0.0068 U	0.0041 U
Endosulfan_I	959-98-8	-	0.0018 U	0.002 U	0.0034 U	0.0021 U
Endosulfan_II	33213-65-9	-	0.0036 U	0.004 U	0.0068 U	0.0041 U
Endosulfan_sulfate	1031-07-8	-	0.0036 U	0.004 U	0.0068 U	0.0041 U
Endrin	72-20-8	17	0.0036 U	0.004 U	0.0068 U	0.0041 U
Endrin_aldehyde	7421-93-4	-	0.0036 U	0.004 U	0.0068 U	0.0041 U
Endrin_ketone	53494-70-5	-	0.0036 U	0.004 U	0.0068 U	0.0041 U
Gamma_chlordane	5103-74-2	-	0.0018 U	0.002 U	0.0034 U	0.0021 U
Heptachlor	76-44-8	0.15	0.0018 U	0.002 U	0.0034 U	0.0021 U
Heptachlor_epoxide	1024-57-3	-	0.0018 U	0.002 U	0.0034 U	0.0021 U
Lindane	58-89-9	0.52	0.0018 U	0.002 U	0.0034 U	0.0021 U
Methoxychlor	72-43-5	50	0.018 U	0.02 U	0.034 U	0.021 U
Toxaphene	8001-35-2	0.1	0.18 U	0.2 U	0.34 U	0.21 U

NOTES:

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P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

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D - Indicates that the analyte was identified in an analysis at a secondary dilution factor.

Results in **bold** indicate that the results, the MDL or the Reporting Detection Limit (RDL) exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-D
Summary of Soil Analytical Results: Polychlorinated Biphenyls and Pesticides
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

	Location ID Sample ID	TP-1 T-TP-1	TP-2 T-TP-2	TP-3 T-TP-3	TP-4 T-TP-4	TP-5 T-TP-5	TP-6 T-TP-6	
	Lab ID Sample Date	N22074-15 9/12/2002	N22074-14 9/12/2002	N22074-13 9/12/2002	N22074-12 9/12/2002	N22074-11 9/12/2002	N22074-9 9/12/2002	
	Depth Interval	6 - 8	6 - 8	6 - 8	6 - 8	6 - 8	6 - 8	
Analyte	CAS-RN	MSSCC						
Aroclor-1016	12674-11-2	-	0.036 U	0.035 U	0.037 U	0.036 U	0.035 U	0.036 U
Aroclor-1221	11104-28-2	-	0.073 U	0.071 U	0.074 U	0.072 U	0.071 U	0.071 U
Aroclor-1232	11141-16-5	-	0.036 U	0.035 U	0.037 U	0.036 U	0.035 U	0.036 U
Aroclor-1242	53469-21-9	-	0.036 U	0.035 U	0.037 U	0.036 U	0.035 U	0.036 U
Aroclor-1248	12672-29-6	-	0.036 U	0.035 U	0.037 U	0.036 U	0.035 U	0.036 U
Aroclor-1254	11097-69-1	-	0.036 U	0.035 U	0.037 U	0.036 U	0.035 U	0.036 U
Aroclor-1260	11096-82-5	-	0.036 U	0.035 U	0.037 U	0.036 U	0.035 U	0.036 U
Aroclor-1262	37324-23-5	-	NR	NR	NR	NR	NR	NR
Aroclor-1268	11100-14-4	-	NR	NR	NR	NR	NR	NR
Total Aroclors		0.49	ND	ND	ND	ND	ND	ND
Pesticides	CAS-RN	MSSCC						
4,4'-DDD_(p,p'_Dichlorodiphenyl_dich	72-54-8	3	0.0036 U	0.0035 U	0.0037 U	0.009	0.0035 U	0.0036 U
4,4'-DDE_(p,p'_Dichlorodiphenyltrichl	72-55-9	2	0.0022 J	0.0078	0.02	0.0036 U	0.0035 U	0.013
4,4'-DDT_(p,p'_Dichlorodiphenyltrichlo	50-29-3	2	0.0036 U	0.0035 U	0.0037 U	0.0036 U	0.0035 U	0.0036 U
Aldrin	309-00-2	0.04	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U
alpha_BHC	319-84-6	-	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U
alpha-Chlordane	5103-71-9	-	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U
beta_BHC	319-85-7	-	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U
delta_BHC_(delta_Hexachlorocyclohe:	319-86-8	-	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U
Dieldrin	60-57-1	0.042	0.0036 U	0.0035 U	0.0037 U	0.0036 U	0.0035 U	0.0036 U
Endosulfan_I	959-98-8	-	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U
Endosulfan_II	33213-65-9	-	0.0036 U	0.0035 U	0.0037 U	0.0036 U	0.0035 U	0.0036 U
Endosulfan_sulfate	1031-07-8	-	0.0036 U	0.0035 U	0.0037 U	0.0036 U	0.0035 U	0.0036 U
Endrin	72-20-8	17	0.0036 U	0.0035 U	0.0037 U	0.0036 U	0.0035 U	0.0036 U
Endrin_aldehyde	7421-93-4	-	0.0036 U	0.0035 U	0.0037 U	0.0036 U	0.0035 U	0.0036 U
Endrin_ketone	53494-70-5	-	0.0036 U	0.0035 U	0.0037 U	0.0036 U	0.0035 U	0.0036 U
Gamma_chlordane	5103-74-2	-	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U
Heptachlor	76-44-8	0.15	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U
Heptachlor_epoxide	1024-57-3	-	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U
Lindane	58-89-9	0.52	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U
Methoxychlor	72-43-5	50	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
Toxaphene	8001-35-2	0.1	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U

NOTES:

All results are presented in milligrams per kilogram.

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P - Indicates that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

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Results in **bold** indicate that the results, the MDL or the Reporting Detection Limit (RDL) exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-E
Summary of Soil Analytical Results: Metals, Phenolics, and Cyanide
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	TestPit2	TestPit3	TestPit4	TestPit5	A29-1
			Sample ID	Test Pit 2	Test Pit 3	Test Pit 4	Test Pit 5	A29-1-A
			Lab ID	Capsule #13976.02	Capsule #13976.03	Capsule #13976.04	Capsule #13976.05	256801
			Sample Date	7/28/1982	7/28/1982	7/28/1982	7/28/1982	2/13/2001
			Depth Interval	13.5 - 14	13.5 - 14	13.5 - 14	13.5 - 14	6 - 6.5
Aluminum	7429-90-5	-		NR	NR	NR	NR	
Antimony	7440-36-0	14		NR	NR	NR	NR	0.86 U
Arsenic	7440-38-2	20		0.001 U	0.001 U	0.001 U	0.001 U	1.4
Barium	7440-39-3	700		0.2	0.5	0.7	0.2 U	NR
Beryllium	7440-41-7	2 ⁽¹⁾		NR	NR	NR	NR	0.03 B
Cadmium	7440-43-9	39		0.01 U	0.01	0.01	0.01 U	0.74 B
Calcium, Dissolved	7440-70-2	-		NR	NR	NR	NR	NR
Chromium	7440-47-3	120000		0.05 U	0.05 U	0.05 U	0.05 U	65.3
Cobalt	7440-48-4	-		NR	NR	NR	NR	NR
Copper	7440-50-8	600		NR	NR	NR	NR	122
Cyanide	57-12-5	1100		0.85	0.15 U	0.15 U	0.15 U	NR
Iron	7439-89-6	-		NR	NR	NR	NR	NR
Lead	7439-92-1	400		0.2 U	0.24	0.2 U	0.2 U	70.8
Magnesium, Dissolved	7439-95-4	-		NR	NR	NR	NR	NR
Manganese	7439-96-5	-		NR	NR	NR	NR	NR
Mercury	7439-97-6	14		0.0005	0.0005	0.0004	0.0013	0.45
Nickel	7440-02-0	250		NR	NR	NR	NR	75.6
Phenolics, Total Recoverable	TOTPHEN	-		0.06	0.39	0.14	0.52	NR
Potassium	2023695	-		NR	NR	NR	NR	NR
Selenium	7782-49-2	63		0.002 U	0.01	0.002 U	0.002 U	4.3 U
Silver	7440-22-4	110		0.01	0.01	0.01 U	0.01	0.65 B
Sodium	7440-23-5	-		NR	NR	NR	NR	NR
Thallium	7440-28-0	2		NR	NR	NR	NR	0.97 U
Vanadium	7440-62-2	370		NR	NR	NR	NR	NR
Zinc	7440-66-6	1500		NR	NR	NR	NR	46.2

NOTES:

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⁽¹⁾ Beryllium results are compared to an Alternative Remediation Criterion (ARC) of 16 mg/kg, established by NJDEP in their January 25, 2005 letter.

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* - Indicates duplicate analysis not within control limits.

N - Indicates spiked sample recovery not within control limits.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-E
Summary of Soil Analytical Results: Metals, Phenolics, and Cyanide
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

		Location ID Sample ID	A29-1 A29-1-B	A29-1 A29-1-C	A29-1 A29-1-D	A29-1 A29-1-E	A29-2 A29-2-A
		Lab ID	256802	256803	256804	256805	257518
		Sample Date	2/13/2001	2/13/2001	2/13/2001	2/13/2001	2/14/2001
		Depth Interval	16 - 16.5	23 - 23.5	35 - 35.5	41 - 41.5	6.5 - 7
Analyte	CAS-RN	MSSCC					
Aluminum	7429-90-5	-	NR	NR	NR	NR	NR
Antimony	7440-36-0	14	1.9 B	0.74 U	0.76 U	0.93 U	3.4
Arsenic	7440-38-2	20	1.5	0.64 U	0.66 U	8.9	16.5
Barium	7440-39-3	700	NR	NR	NR	NR	NR
Beryllium	7440-41-7	2 ⁽¹⁾	0.09 B	0.02 U	0.04 B	1.2	0.26 B
Cadmium	7440-43-9	39	0.09 U	0.08 U	0.14 B	0.1 U	5.6
Calcium, Dissolved	7440-70-2	-	NR	NR	NR	NR	NR
Chromium	7440-47-3	120000	56.4	2.3	133	24.6	145
Cobalt	7440-48-4	-	NR	NR	NR	NR	NR
Copper	7440-50-8	600	1840	9	120	19.2	4130
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Iron	7439-89-6	-	NR	NR	NR	NR	NR
Lead	7439-92-1	400	205	8.2	52.2	15.4	422
Magnesium, Dissolved	7439-95-4	-	NR	NR	NR	NR	NR
Manganese	7439-96-5	-	NR	NR	NR	NR	NR
Mercury	7439-97-6	14	0.03 B	0.02 U	0.09	0.04	13.4
Nickel	7440-02-0	250	96.6	3.1 B	239	17.8	188
Phenolics, Total Recoverable	TOTPHEN	-	NR	NR	NR	NR	NR
Potassium	2023695	-	NR	NR	NR	NR	NR
Selenium	7782-49-2	63	8.4 U	1.1 U	1.1 U	0.93 U	5.7 U
Silver	7440-22-4	110	0.34 B	0.25 B	0.58 B	0.17 U	8.5
Sodium	7440-23-5	-	NR	NR	NR	NR	NR
Thallium	7440-28-0	2	0.95 U	0.83 U	0.86 U	1 U	1.3 U
Vanadium	7440-62-2	370	NR	NR	NR	NR	NR
Zinc	7440-66-6	1500	3910	168	30.6	49.3	2240

NOTES:

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N - Indicates spiked sample recovery not within control limits.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-E
Summary of Soil Analytical Results: Metals, Phenolics, and Cyanide
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

		Location ID Sample ID	A29-2 A29-2-B	A29-2 A29-2-C	A29-2 A29-2-D	A29-3 A29-3-A	A29-3 A29-3-B
		Lab ID	257519	257520	257521	257512	257514
		Sample Date	2/14/2001	2/14/2001	2/14/2001	2/14/2001	2/14/2001
		Depth Interval	16 - 16.5	26 - 26.5	34 - 34.5	5 - 5.5	16 - 16.5
Analyte	CAS-RN	MSSCC					
Aluminum	7429-90-5	-	NR	NR	NR	NR	NR
Antimony	7440-36-0	14	0.76 U	0.88 U	0.94 U	4.2 U	0.82 U
Arsenic	7440-38-2	20	2.4	0.77 U	10.8	8.8	6.9
Barium	7440-39-3	700	NR	NR	NR	NR	NR
Beryllium	7440-41-7	2 ⁽¹⁾	0.03 B	0.08 B	1.5	0.6 B	0.44
Cadmium	7440-43-9	39	0.25 B	0.09 U	0.1 U	11.5	1 B
Calcium, Dissolved	7440-70-2	-	NR	NR	NR	NR	NR
Chromium	7440-47-3	120000	155	25.6	17.6	505	89.5
Cobalt	7440-48-4	-	NR	NR	NR	NR	NR
Copper	7440-50-8	600	151	88.4	24.3	473	140
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Iron	7439-89-6	-	NR	NR	NR	NR	NR
Lead	7439-92-1	400	26.3	13.3	15.3	563	199
Magnesium, Dissolved	7439-95-4	-	NR	NR	NR	NR	NR
Manganese	7439-96-5	-	NR	NR	NR	NR	NR
Mercury	7439-97-6	14	0.13	0.05	0.07	0.02 B	0.38
Nickel	7440-02-0	250	154	26.3	25.8	633	82.2
Phenolics, Total Recoverable	TOTPHE	-	NR	NR	NR	NR	NR
Potassium	2023695	-	NR	NR	NR	NR	NR
Selenium	7782-49-2	63	0.76 U	0.88 U	0.94 U	4.2 U	0.82 U
Silver	7440-22-4	110	0.38 B	0.16 U	0.17 U	31.3	2.1 B
Sodium	7440-23-5	-	NR	NR	NR	NR	NR
Thallium	7440-28-0	2	0.86 U	0.99 U	1.1 U	4.7 U	0.92 U
Vanadium	7440-62-2	370	NR	NR	NR	NR	NR
Zinc	7440-66-6	1500	46.3	41.6	58.5	170	71.4

NOTES:

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⁽¹⁾ Beryllium results are compared to an Alternative Remediation Criterion (ARC) of 16 mg/kg, established by NJDEP in their January 25, 2005 letter.

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Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-E
Summary of Soil Analytical Results: Metals, Phenolics, and Cyanide
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

		Location ID Sample ID	A29-3 A29-3-C	A29-3 A29-3-D	A29-3 A29-3-E	A29-5 A29-5-A	A29-5 A29-5-B
		Lab ID	257515	257516	257517	258050	258052
		Sample Date	2/14/2001	2/14/2001	2/14/2001	2/15/2001	2/15/2001
		Depth Interval	25 - 25.5	29 - 29.5	34 - 34.5	6 - 6.5	16 - 16.5
Analyte	CAS-RN	MSSCC					
Aluminum	7429-90-5	-	NR	NR	NR	NR	NR
Antimony	7440-36-0	14	12.9	0.94 U	0.91 U	1.1 U	1.1 U
Arsenic	7440-38-2	20	13.2	10.4	10.2	22.1	15.2
Barium	7440-39-3	700	NR	NR	NR	NR	NR
Beryllium	7440-41-7	2 ⁽¹⁾	0.43 B	2.2	3.4	2.2	1.6
Cadmium	7440-43-9	39	6.6	0.1 U	0.28 B	0.09 U	0.09 U
Calcium, Dissolved	7440-70-2	-	NR	NR	NR	NR	NR
Chromium	7440-47-3	120000	98.3	15	8.7	18.1	18.1
Cobalt	7440-48-4	-	NR	NR	NR	NR	NR
Copper	7440-50-8	600	5640	31.5	24.2	37.9	26.7
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Iron	7439-89-6	-	NR	NR	NR	NR	NR
Lead	7439-92-1	400	251	16.7	15.2	27.8	14.3
Magnesium, Dissolved	7439-95-4	-	NR	NR	NR	NR	NR
Manganese	7439-96-5	-	NR	NR	NR	NR	NR
Mercury	7439-97-6	14	0.02 U	0.07	0.02 U	0.07	0.06
Nickel	7440-02-0	250	250	24	27.7	46.1	24.7
Phenolics, Total Recoverable	TOTPHE	-	NR	NR	NR	NR	NR
Potassium	2023695	-	NR	NR	NR	NR	NR
Selenium	7782-49-2	63	5 U	0.94 U	0.91 U	1.1 U	1.1 U
Silver	7440-22-4	110	42.9	0.17 U	0.16 U	0.27 U	0.26 U
Sodium	7440-23-5	-	NR	NR	NR	NR	NR
Thallium	7440-28-0	2	1.1 U	1.1 U	1 U	1 U	1 B
Vanadium	7440-62-2	370	NR	NR	NR	NR	NR
Zinc	7440-66-6	1500	205	62.3	43.1	195	76.4

NOTES:

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TABLE 1-E
Summary of Soil Analytical Results: Metals, Phenolics, and Cyanide
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

		Location ID Sample ID	A29-5 A29-5-C	A29-10 A29-10-A	A29-6 A29-6-A	A29-7 A29-7-A	A29-8 A29-8-A
		Lab ID	258053	278366	278362	278363	278364
		Sample Date	2/15/2001	5/31/2001	5/31/2001	5/31/2001	5/31/2001
		Depth Interval	29 - 29.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Analyte	CAS-RN	MSSCC					
Aluminum	7429-90-5	-	NR	NR	NR	NR	NR
Antimony	7440-36-0	14	1.2 U	1.1 U	1.2 U	0.95 U	1.1 U
Arsenic	7440-38-2	20	6.8	9	11.2	9.5	11.6
Barium	7440-39-3	700	NR	NR	NR	NR	NR
Beryllium	7440-41-7	2 ⁽¹⁾	3.1	1.4	1.6	1.1	1.1
Cadmium	7440-43-9	39	0.09 U	0.1 U	0.28 B	0.29 B	0.27 B
Calcium, Dissolved	7440-70-2	-	NR	NR	NR	NR	NR
Chromium	7440-47-3	120000	9.5	14.3	15.4	20.5	23.4
Cobalt	7440-48-4	-	NR	NR	NR	NR	NR
Copper	7440-50-8	600	28.4	15.6	71	98.6	62.3
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Iron	7439-89-6	-	NR	NR	NR	NR	NR
Lead	7439-92-1	400	11.8	20	46.6	42.8	49.5
Magnesium, Dissolved	7439-95-4	-	NR	NR	NR	NR	NR
Manganese	7439-96-5	-	NR	NR	NR	NR	NR
Mercury	7439-97-6	14	0.02 B	0.04 B	0.09	0.05	0.21
Nickel	7440-02-0	250	47.6	14.4	21.5	26.4	25.4
Phenolics, Total Recoverable	TOTPHEN	-	NR	NR	NR	NR	NR
Potassium	2023695	-	NR	NR	NR	NR	NR
Selenium	7782-49-2	63	1.2 U	1.1 U	1.2 U	0.95 U	1.1 U
Silver	7440-22-4	110	0.28 U	0.27 U	0.29 U	0.44 B	0.27 B
Sodium	7440-23-5	-	NR	NR	NR	NR	NR
Thallium	7440-28-0	2	1.1 U	1 U	1.1 U	0.86 U	0.96 U
Vanadium	7440-62-2	370	NR	NR	NR	NR	NR
Zinc	7440-66-6	1500	34.9	63.4	94.4	65.9	87.1

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 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	A29-9	OLF-1	OLF-2	OLF-3	OLF-5
			Sample ID	A29-9-A	TRC-OLF1_8-10	TRC-OLF2_6-8	TRC-OLF3_6-8	TRC_OLF-5-6-8
			Lab ID	278365	374547	374548	374549	375158
			Sample Date	5/31/2001	9/6/2002	9/6/2002	9/6/2002	9/9/2002
			Depth Interval	0 - 0.5	8 - 10	6 - 8	6 - 8	6 - 8
Aluminum	7429-90-5	-		NR	4120	1810	3690	2070
Antimony	7440-36-0	14		1 U	2.2 B	1 U	1 U	0.97 U
Arsenic	7440-38-2	20		10.6	11.8	1.8 B	2.3	1.2 B
Barium	7440-39-3	700		NR	16.3 B	5.7 B	29.4 B	15.3 B
Beryllium	7440-41-7	2 ⁽¹⁾		1.4	0.12 B	0.06 B	0.18 B	0.09 B
Cadmium	7440-43-9	39		0.26 B	0.09 U	1.1	0.16 B	0.81 B
Calcium, Dissolved	7440-70-2	-		NR	1990	443 B	9940	2090
Chromium	7440-47-3	120000		20.7	59.8	5.3	26.6	17.4
Cobalt	7440-48-4	-		NR	9.7 B	0.92 B	5.4 B	3.7 B
Copper	7440-50-8	600		31.5	2820	469	352	1300
Cyanide	57-12-5	1100		NR	NR	NR	NR	NR
Iron	7439-89-6	-		NR	67400	3470	8470	4970
Lead	7439-92-1	400		41.6	141	45.2	43.7	67.1
Magnesium, Dissolved	7439-95-4	-		NR	534 B	59 B	186 B	958 B
Manganese	7439-96-5	-		NR	855	51.3	118	213
Mercury	7439-97-6	14		0.06	0.05 U	0.05 U	0.05 B	0.05 U
Nickel	7440-02-0	250		20.1	147	15.8	148	306
Phenolics, Total Recoverable	TOTPHE	-		NR	NR	NR	NR	NR
Potassium	2023695	-		NR	210 B	162 B	356 B	154 B
Selenium	7782-49-2	63		1 U	0.94 U	0.92 U	0.95 U	0.89 U
Silver	7440-22-4	110		0.26 U	0.51 B	0.26 U	0.27 U	0.25 U
Sodium	7440-23-5	-		NR	86.8 B	63.5 B	88.1 B	104 B
Thallium	7440-28-0	2		0.95 U	1 U	0.98 U	1 U	0.95 U
Vanadium	7440-62-2	370		NR	23.4	4 B	7.4 B	5.4 B
Zinc	7440-66-6	1500		96.5	113	182	43.7	71.3

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TABLE 1-E
Summary of Soil Analytical Results: Metals, Phenolics, and Cyanide
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	OLF-7	OLF-8	OLF-9	OLF-9	OLF-4
			Sample ID	TRC_OLF-7-6-8	TRC_OLF-8-6-8	TRC_OLF-9-6-8	TRC_OLF-9-25-27	TRC_OLF-4-6-8
			Lab ID	375160	375159	375161	375162	375703
			Sample Date	9/9/2002	9/9/2002	9/9/2002	9/9/2002	9/10/2002
			Depth Interval	6 - 8	6 - 8	6 - 8	25 - 27	6 - 8
Aluminum	7429-90-5	-		601	4890	884	2860	4190
Antimony	7440-36-0	14		0.95 U	1.2 U	1 U	1 B	1 U
Arsenic	7440-38-2	20		0.78 B	19.8	0.81 B	3.5	2.9
Barium	7440-39-3	700		3.6 B	217	7.7 B	63.7	21.3 B
Beryllium	7440-41-7	2 ⁽¹⁾		0.05 B	0.81 B	0.11 B	0.08 B	0.05 B
Cadmium	7440-43-9	39		0.08 U	10.4	0.09 U	1.6	0.09 U
Calcium, Dissolved	7440-70-2	-		593 B	3160	542 B	1300	713 B
Chromium	7440-47-3	120000		2.8	151	13.6	54.4	68.3
Cobalt	7440-48-4	-		0.35 B	13	1.5 B	3.4 B	7.4 B
Copper	7440-50-8	600		40.3	482	142	2470	259
Cyanide	57-12-5	1100		NR	NR	NR	NR	NR
Iron	7439-89-6	-		1680	40300	3420	25300	15900
Lead	7439-92-1	400		15.1	511	26.4	152	1540
Magnesium, Dissolved	7439-95-4	-		74.5 B	1510	151 B	406 B	1730
Manganese	7439-96-5	-		29.4	1040	32.6	277	402
Mercury	7439-97-6	14		0.04 U	0.84	0.05 U	0.08 B	0.08 B
Nickel	7440-02-0	250		1.8 B	116	62.8	169	123
Phenolics, Total Recoverable	TOTPHE	-		NR	NR	NR	NR	NR
Potassium	2023695	-		118 B	671 B	88.3 B	136 B	127 B
Selenium	7782-49-2	63		0.87 U	1.1 U	0.91 U	0.92 U	0.94 U
Silver	7440-22-4	110		0.24 U	3.6	0.26 U	12.3	0.47 B
Sodium	7440-23-5	-		192 B	73.2 B	126 B	144 B	96.5 B
Thallium	7440-28-0	2		0.93 U	1.2 U	0.98 U	0.99 U	1 U
Vanadium	7440-62-2	370		2 B	19.8	2.2 B	5.2 B	11.7
Zinc	7440-66-6	1500		13.1	1660	15	183	122

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 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	OLF-4	OLF-6	OLF-6	OLF-7	TP1
			Sample ID	TRC_OLF-4-40-42	TRC_OLF-6-6-8	TRC_OLF-6-30-32	TRC_OLF-7-29-31	TRC_TP1_6-8
			Lab ID	375704	375701	375702	375165	376245
			Sample Date	9/10/2002	9/10/2002	9/10/2002	9/10/2002	9/12/2002
			Depth Interval	40 - 42	6 - 8	30 - 32	29 - 31	6 - 8
Aluminum	7429-90-5	-		8400	1650	17100	9420	1870
Antimony	7440-36-0	14		1.1 U	0.98 U	1.2 U	1.1 U	1 U
Arsenic	7440-38-2	20		7.5	3.1	8.9	5.6	126
Barium	7440-39-3	700		44 B	35.6 B	33.3 B	40.2 B	8.5 B
Beryllium	7440-41-7	2 ⁽¹⁾		2.9	0.06 B	1.4	2.4	0.04 U
Cadmium	7440-43-9	39		0.09 U	0.08 U	0.1 U	0.1 U	0.08 U
Calcium, Dissolved	7440-70-2	-		624 B	1330	887 B	653 B	1130
Chromium	7440-47-3	120000		13.1	56.6	29.4	11.2	3.6
Cobalt	7440-48-4	-		9.1 B	25.2	13.7	10.4 B	1 B
Copper	7440-50-8	600		18.8	174	20.3	22.3	61.1
Cyanide	57-12-5	1100		NR	NR	NR	NR	NR
Iron	7439-89-6	-		29900	15200	37200	30500	4030
Lead	7439-92-1	400		10.8	60.1	8.1	13.7	18.3
Magnesium, Dissolved	7439-95-4	-		975 B	1310	663 B	1370	140 B
Manganese	7439-96-5	-		1270	191	1460	770	107
Mercury	7439-97-6	14		0.05 U	0.06 B	0.07 B	0.07 B	0.05 U
Nickel	7440-02-0	250		19	84.1	15.4	19.7	7.6 B
Phenolics, Total Recoverable	TOTPHE	-		NR	NR	NR	NR	NR
Potassium	2023695	-		471 B	131 B	551 B	746 B	107 B
Selenium	7782-49-2	63		1 U	0.9 U	1.1 U	1 U	0.91 U
Silver	7440-22-4	110		0.28 U	0.52 B	0.3 U	0.29 U	0.25 U
Sodium	7440-23-5	-		58.5 U	224 B	61.4 U	150 B	86.2 B
Thallium	7440-28-0	2		1.1 U	0.96 U	1.1 U	1.1 U	0.98 U
Vanadium	7440-62-2	370		32.6	5.5 B	41.4	30.4	4.4 B
Zinc	7440-66-6	1500		53.3	82.3	56.6	34	176

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 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	TP2	TP3	TP4	TP5	TP6
			Sample ID	TRC_TP2_6-8	TRC_TP3_6-8	TRC_TP4_6-8	TRC_TP5_6-8	TRC_TP6_6-8
			Lab ID	376246	376247	376248	376249	376250
			Sample Date	9/12/2002	9/12/2002	9/12/2002	9/12/2002	9/12/2002
			Depth Interval	6 - 8	6 - 8	6 - 8	6 - 8	6 - 8
Aluminum	7429-90-5	-		2980	1970	1990	1800	3180
Antimony	7440-36-0	14		0.98 U	0.97 U	0.98 U	1 U	0.96 U
Arsenic	7440-38-2	20		2.5	1.5 B	2 B	1.1 B	9.5
Barium	7440-39-3	700		22 B	7 B	21.5 B	9 B	18.8 B
Beryllium	7440-41-7	2 ⁽¹⁾		0.04 B	0.04 U	0.04 U	0.04 U	0.04 U
Cadmium	7440-43-9	39		0.16 B	0.08 U	6.6	0.09 U	0.08 U
Calcium, Dissolved	7440-70-2	-		605 B	473 B	2050	646 B	1180
Chromium	7440-47-3	120000		10.5	16.2	24.9	4	14.4
Cobalt	7440-48-4	-		1.1 B	0.82 B	4.6 B	0.93 B	3.1 B
Copper	7440-50-8	600		594	179	256	205	498
Cyanide	57-12-5	1100		NR	NR	NR	NR	NR
Iron	7439-89-6	-		7790	4470	10100	3520	12000
Lead	7439-92-1	400		55	18.9	25.3	26.5	41.9
Magnesium, Dissolved	7439-95-4	-		105 B	122 B	1540	128 B	237 B
Manganese	7439-96-5	-		87.5	43.8	100	40.1	351
Mercury	7439-97-6	14		0.06 B	0.05 U	0.04 U	0.07 B	0.05 B
Nickel	7440-02-0	250		24.6	12.5	93.4	22.8	48.4
Phenolics, Total Recoverable	TOTPHE	-		NR	NR	NR	NR	NR
Potassium	2023695	-		122 B	91.1 B	85.1 B	73.8 B	120 B
Selenium	7782-49-2	63		0.9 U	0.89 U	0.9 U	0.92 U	0.88 U
Silver	7440-22-4	110		0.69 B	0.25 U	18.8	0.27 B	0.54 B
Sodium	7440-23-5	-		146 B	147 B	126 B	112 B	116 B
Thallium	7440-28-0	2		0.96 U	0.95 U	0.96 U	0.98 U	0.94 U
Vanadium	7440-62-2	370		7 B	4.4 B	20.5	4 B	7.9 B
Zinc	7440-66-6	1500		96.7	39	80.7	63.7	80

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Analyte	CAS-RN	MSSCC	Location ID	OLF-1	OLF-2	OLF-3	OLF-5	OLF-7
			Sample ID	T-OLF-1	T-OLF-2	T-OLF-3	T-OLF-5	T-OLF-7
			Lab ID	N21735-1	N21735-2	N21735-3	N21735-9	N21735-12
			Sample Date	9/6/2002	9/6/2002	9/6/2002	9/9/2002	9/9/2002
			Depth Interval	8 - 10	6 - 8	6 - 8	6 - 8	6 - 8
Aluminum	7429-90-5	-		NR	NR	NR	NR	NR
Antimony	7440-36-0	14		1.9 BN	3 BN	14 U	13.3 U	0.93 BN
Arsenic	7440-38-2	20		8.6	25.5	2.5	1.8	1.3
Barium	7440-39-3	700		NR	NR	NR	NR	NR
Beryllium	7440-41-7	2 ⁽¹⁾		0.14	0.19	0.27	0.05	0.06
Cadmium	7440-43-9	39		0.14	2.8	1.2 U	1.1 U	0.19
Calcium, Dissolved	7440-70-2	-		NR	NR	NR	NR	NR
Chromium	7440-47-3	120000		36 N	56.9 N	10.1 N	24.7 N	12.7 N
Cobalt	7440-48-4	-		NR	NR	NR	NR	NR
Copper	7440-50-8	600		1510 N*	421 N*	215 N*	65.2 N*	617 N*
Cyanide	57-12-5	1100		NR	NR	NR	NR	NR
Iron	7439-89-6	-		NR	NR	NR	NR	NR
Lead	7439-92-1	400		86.8	154	24.7	15.8	39.9
Magnesium, Dissolved	7439-95-4	-		NR	NR	NR	NR	NR
Manganese	7439-96-5	-		NR	NR	NR	NR	NR
Mercury	7439-97-6	14		0.11 U	0.09	0.06	0.1 U	0.08 U
Nickel	7440-02-0	250		143	72.5	24	71.4	13.9
Phenolics, Total Recoverable	TOTPHE	-		NR	NR	NR	NR	NR
Potassium	2023695	-		NR	NR	NR	NR	NR
Selenium	7782-49-2	63		1.1 U	1.1 U	1.2 U	0.81	0.66
Silver	7440-22-4	110		2.4 U	25.1	2.4 U	2 U	2 U
Sodium	7440-23-5	-		NR	NR	NR	NR	NR
Thallium	7440-28-0	2		2.1 U	2.2 U	2.3 U	2.2 U	2.1 U
Vanadium	7440-62-2	370		NR	NR	NR	NR	NR
Zinc	7440-66-6	1500		111	102	36.3	23	95.9

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		Lab ID Sample Date	N21735-6 9/9/2002	N21735-7 9/9/2002	N21735-8 9/9/2002	N21735-23 9/10/2002	N21735-24 9/10/2002
		Depth Interval	8 - 10	6 - 8	25 - 27	6 - 8	6 - 8
Analyte	CAS-RN	MSSCC					
Aluminum	7429-90-5	-	NR	NR	NR	NR	NR
Antimony	7440-36-0	14	3.8 BN	0.67 BN	1.1 BN	12.8 U	0.8 BN
Arsenic	7440-38-2	20	9.5	0.72	0.91	2.5	2.8
Barium	7440-39-3	700	NR	NR	NR	NR	NR
Beryllium	7440-41-7	2 ⁽¹⁾	0.67	0.08	1.1 U	0.06	1.1 U
Cadmium	7440-43-9	39	3.7	0.23	2.7	0.15	0.38
Calcium, Dissolved	7440-70-2	-	NR	NR	NR	NR	NR
Chromium	7440-47-3	120000	70.7 N	46 N	43 N	76.8 N	107 N
Cobalt	7440-48-4	-	NR	NR	NR	NR	NR
Copper	7440-50-8	600	840 N*	319 N*	450 N*	114 N*	129 N*
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Iron	7439-89-6	-	NR	NR	NR	NR	NR
Lead	7439-92-1	400	9630	20.7	76	163	95.4
Magnesium, Dissolved	7439-95-4	-	NR	NR	NR	NR	NR
Manganese	7439-96-5	-	NR	NR	NR	NR	NR
Mercury	7439-97-6	14	0.32	0.09 U	0.08 U	1.3	1.3
Nickel	7440-02-0	250	83.9	153	62	95.8	194
Phenolics, Total Recoverable	TOTPHEN	-	NR	NR	NR	NR	NR
Potassium	2023695	-	NR	NR	NR	NR	NR
Selenium	7782-49-2	63	1.6	1.1 U	1.1 U	1.2	1.1 U
Silver	7440-22-4	110	5.5	2.1 U	2.7	2.2 U	2.3 U
Sodium	7440-23-5	-	NR	NR	NR	NR	NR
Thallium	7440-28-0	2	2.2 U	2.2 U	2.2 U	2.1 U	2.2 U
Vanadium	7440-62-2	370	NR	NR	NR	NR	NR
Zinc	7440-66-6	1500	426	25.9	103	47.2	50

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

⁽¹⁾ Beryllium results are compared to an Alternative Remediation Criterion (ARC) of 16 mg/kg, established by NJDEP in their January 25, 2005 letter.

U - Indicates that the analyte was not detected at the Method Detection Level (MDL).

B - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

* - Indicates duplicate analysis not within control limits.

N - Indicates spiked sample recovery not within control limits.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-E
Summary of Soil Analytical Results: Metals, Phenolics, and Cyanide
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

		Location ID Sample ID	OLF-4 T-OLF-4B	OLF-6 T-OLF-6	OLF-6 T-OLF-6B	OLF-7 T-OLF-7	TP-1 T-TP-1
		Lab ID Sample Date	N21735-26 9/10/2002	N21735-21 9/10/2002	N21735-22 9/10/2002	N21735-20 9/10/2002	N22074-15 9/12/2002
		Depth Interval	40 - 42	6 - 8	30 - 32	29 - 31	6 - 8
Analyte	CAS-RN	MSSCC					
Aluminum	7429-90-5	-	NR	NR	NR	NR	NR
Antimony	7440-36-0	14	0.91 BN	12.3 U	14.9 U	14.7 U	1 BN
Arsenic	7440-38-2	20	7	2.3	9.7	11.5	78.2
Barium	7440-39-3	700	NR	NR	NR	NR	NR
Beryllium	7440-41-7	2 ⁽¹⁾	1.2	1 U	1.5	2	0.09
Cadmium	7440-43-9	39	0.15	0.32	0.14	0.21	0.35
Calcium, Dissolved	7440-70-2	-	NR	NR	NR	NR	NR
Chromium	7440-47-3	120000	20.3 N	61.9 N	101 N	24.5 N	10.5
Cobalt	7440-48-4	-	NR	NR	NR	NR	NR
Copper	7440-50-8	600	12.3 N*	150 N*	31.6 N*	30.2 N*	137
Cyanide	57-12-5	1100	NR	NR	NR	NR	NR
Iron	7439-89-6	-	NR	NR	NR	NR	NR
Lead	7439-92-1	400	13.8	45.7	14.7	13.9	43.1
Magnesium, Dissolved	7439-95-4	-	NR	NR	NR	NR	NR
Manganese	7439-96-5	-	NR	NR	NR	NR	NR
Mercury	7439-97-6	14	0.1 U	0.1 U	0.05	0.04	0.08 U
Nickel	7440-02-0	250	12.1	73.1	152	25.5	20.7
Phenolics, Total Recoverable	TOTPHEN	-	NR	NR	NR	NR	NR
Potassium	2023695	-	NR	NR	NR	NR	NR
Selenium	7782-49-2	63	1.6	1.1	1.6	1.6	0.73 BN
Silver	7440-22-4	110	2.2 U	2.1 U	2.5 U	2.3 U	2.4 U
Sodium	7440-23-5	-	NR	NR	NR	NR	NR
Thallium	7440-28-0	2	2.5 U	2 U	2.5 U	2.5 U	2.4 U
Vanadium	7440-62-2	370	NR	NR	NR	NR	NR
Zinc	7440-66-6	1500	40.8	61.3	71.3	45.2	79.2

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

⁽¹⁾ Beryllium results are compared to an Alternative Remediation Criterion (ARC) of 16 mg/kg, established by NJDEP in their January 25, 2005 letter.

U - Indicates that the analyte was not detected at the Method Detection Level (MDL).

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Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

TABLE 1-E
Summary of Soil Analytical Results: Metals, Phenolics, and Cyanide
 Old Landfill
 Former Ingersoll Rand Company Facility - Phillipsburg, New Jersey

Analyte	CAS-RN	MSSCC	Location ID	TP-2	TP-3	TP-4	TP-5	TP-6
			Sample ID	T-TP-2	T-TP-3	T-TP-4	T-TP-5	T-TP-6
			Lab ID	N22074-14	N22074-13	N22074-12	N22074-11	N22074-9
			Sample Date	9/12/2002	9/12/2002	9/12/2002	9/12/2002	9/12/2002
			Depth Interval	6 - 8	6 - 8	6 - 8	6 - 8	6 - 8
Aluminum	7429-90-5	-		NR	NR	NR	NR	NR
Antimony	7440-36-0	14		11.8 U	13.3 U	12 U	4.5 BN	12.2 U
Arsenic	7440-38-2	20		0.6	0.69	1.8	4.3	4.6
Barium	7440-39-3	700		NR	NR	NR	NR	NR
Beryllium	7440-41-7	2 ⁽¹⁾		0.98 U	1.1 U	0.05	0.04	0.06
Cadmium	7440-43-9	39		0.28	0.15	1.4	0.11	0.19
Calcium, Dissolved	7440-70-2	-		NR	NR	NR	NR	NR
Chromium	7440-47-3	120000		10.8	46	79.3	47.1	35
Cobalt	7440-48-4	-		NR	NR	NR	NR	NR
Copper	7440-50-8	600		199	366	267	10000	431
Cyanide	57-12-5	1100		NR	NR	NR	NR	NR
Iron	7439-89-6	-		NR	NR	NR	NR	NR
Lead	7439-92-1	400		69	27.5	27	263	39.9
Magnesium, Dissolved	7439-95-4	-		NR	NR	NR	NR	NR
Manganese	7439-96-5	-		NR	NR	NR	NR	NR
Mercury	7439-97-6	14		0.07	0.08 U	0.1 U	0.06	0.08 U
Nickel	7440-02-0	250		21.6	63.1	96.2	129	66.5
Phenolics, Total Recoverable	TOTPHE	-		NR	NR	NR	NR	NR
Potassium	2023695	-		NR	NR	NR	NR	NR
Selenium	7782-49-2	63		0.71 BN	1.1 U	1 U	1.3 N	1 U
Silver	7440-22-4	110		2 U	2.3 U	7	2.3 U	2.3 U
Sodium	7440-23-5	-		NR	NR	NR	NR	NR
Thallium	7440-28-0	2		2 U	2.2 U	2 U	2 U	2 U
Vanadium	7440-62-2	370		NR	NR	NR	NR	NR
Zinc	7440-66-6	1500		78	54.2	46.1	240	65

NOTES:

All results are presented in milligrams per kilogram.

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

⁽¹⁾ Beryllium results are compared to an Alternative Remediation Criterion (ARC) of 16 mg/kg, established by NJDEP in their January 25, 2005 letter.

U - Indicates that the analyte was not detected at the Method Detection Level (MDL).

B - Indicates that the analyte was detected at a concentration less than the MDL and is estimated.

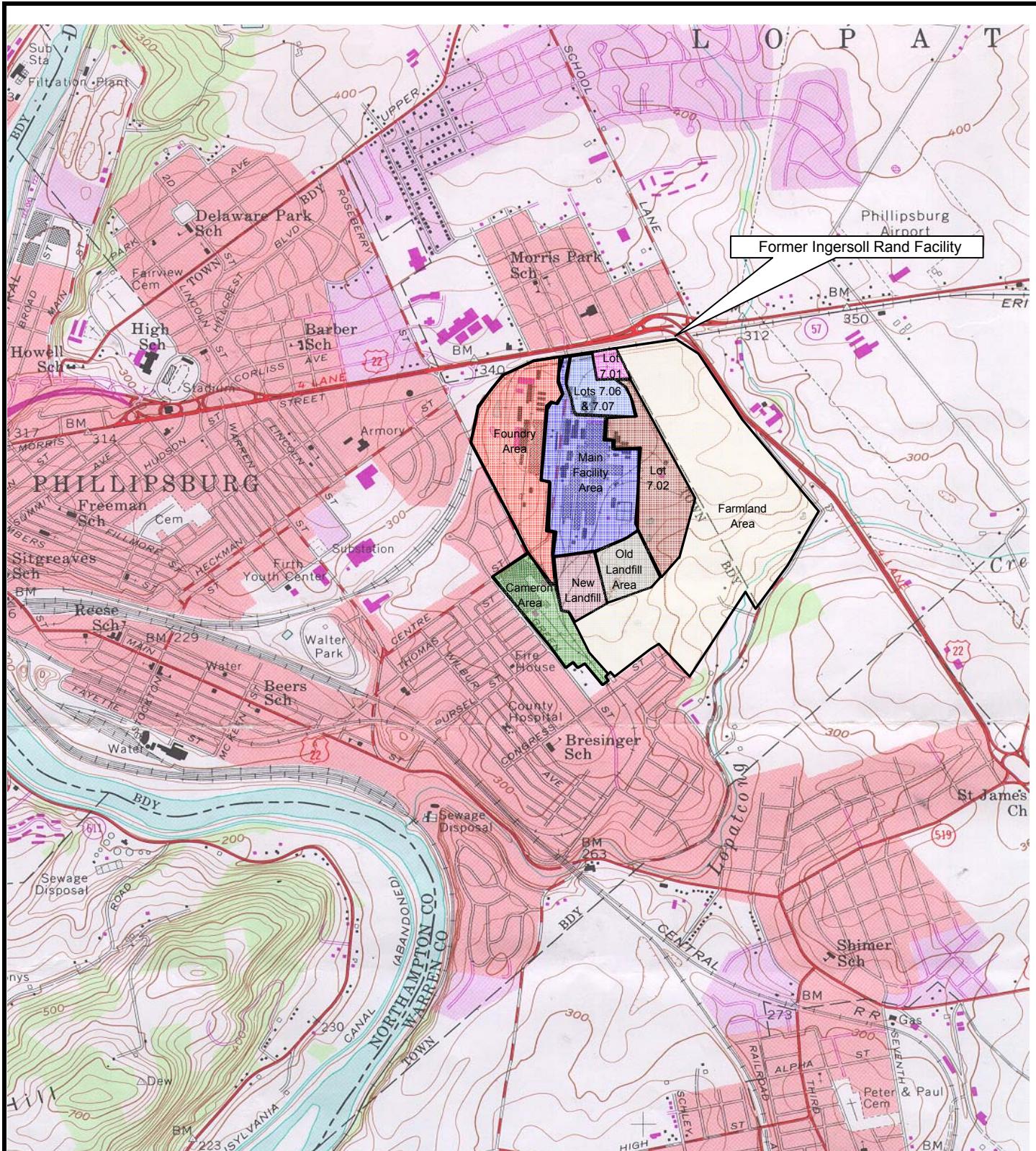
* - Indicates duplicate analysis not within control limits.

N - Indicates spiked sample recovery not within control limits.

NR - Indicates that the analyte was not requested.

Results in **bold** indicate that the results, the MDL, or the Reporting Detection Limit (RDL) equal to or exceed the Most Stringent Soil Cleanup Criteria (MSSCC).

Figures



Scale: 1:24,000

Ingersoll Rand Company
Remedial Action Work Plan for the Old Landfill
(AOC-29)
USGS 7.5' Topographic
Quadrangle - Easton, PA-NJ, 1954 (Photorevised 1981)

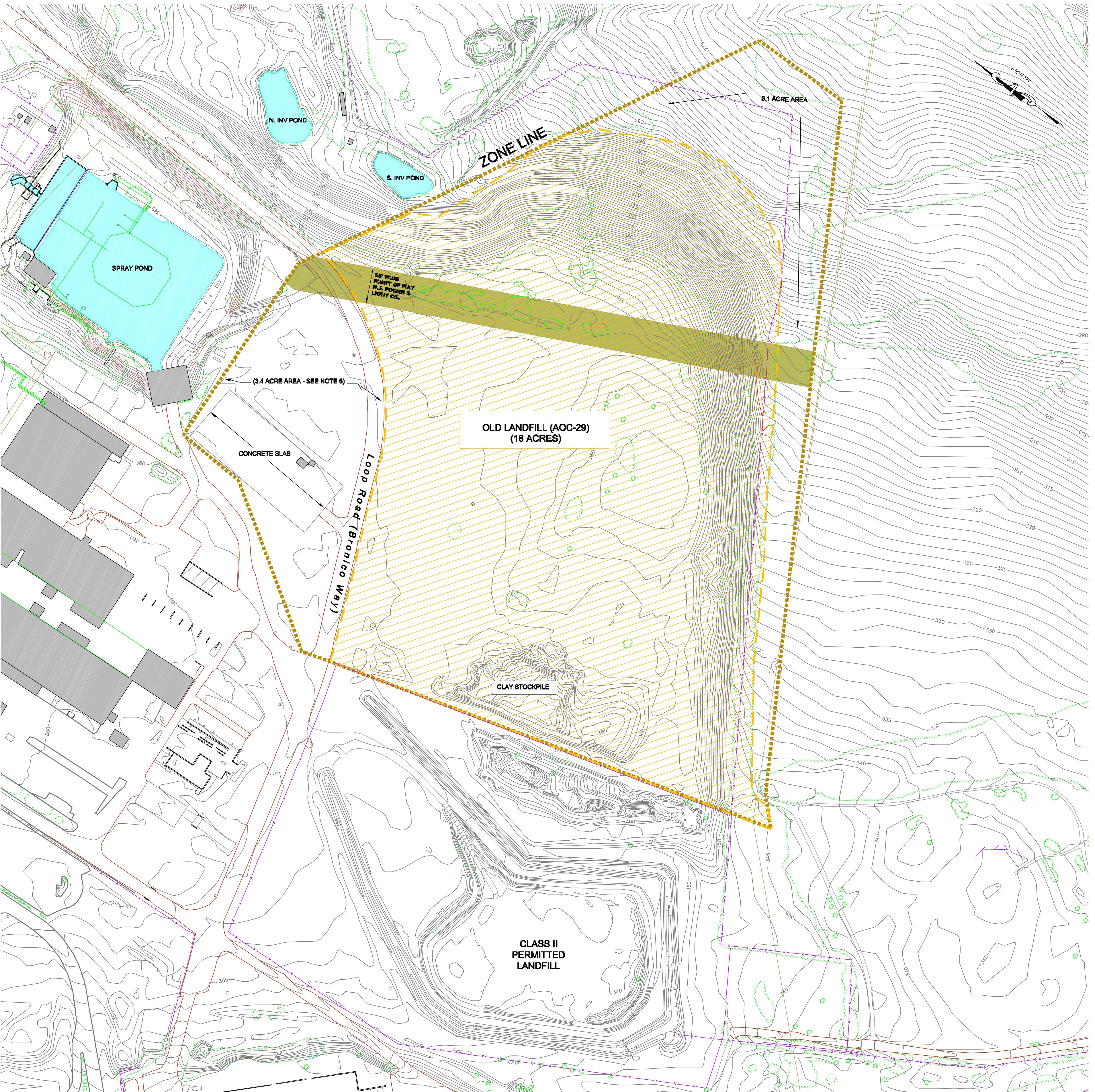
Former Ingersoll Rand Company Facility

942 Memorial Parkway
Phillipsburg, New Jersey

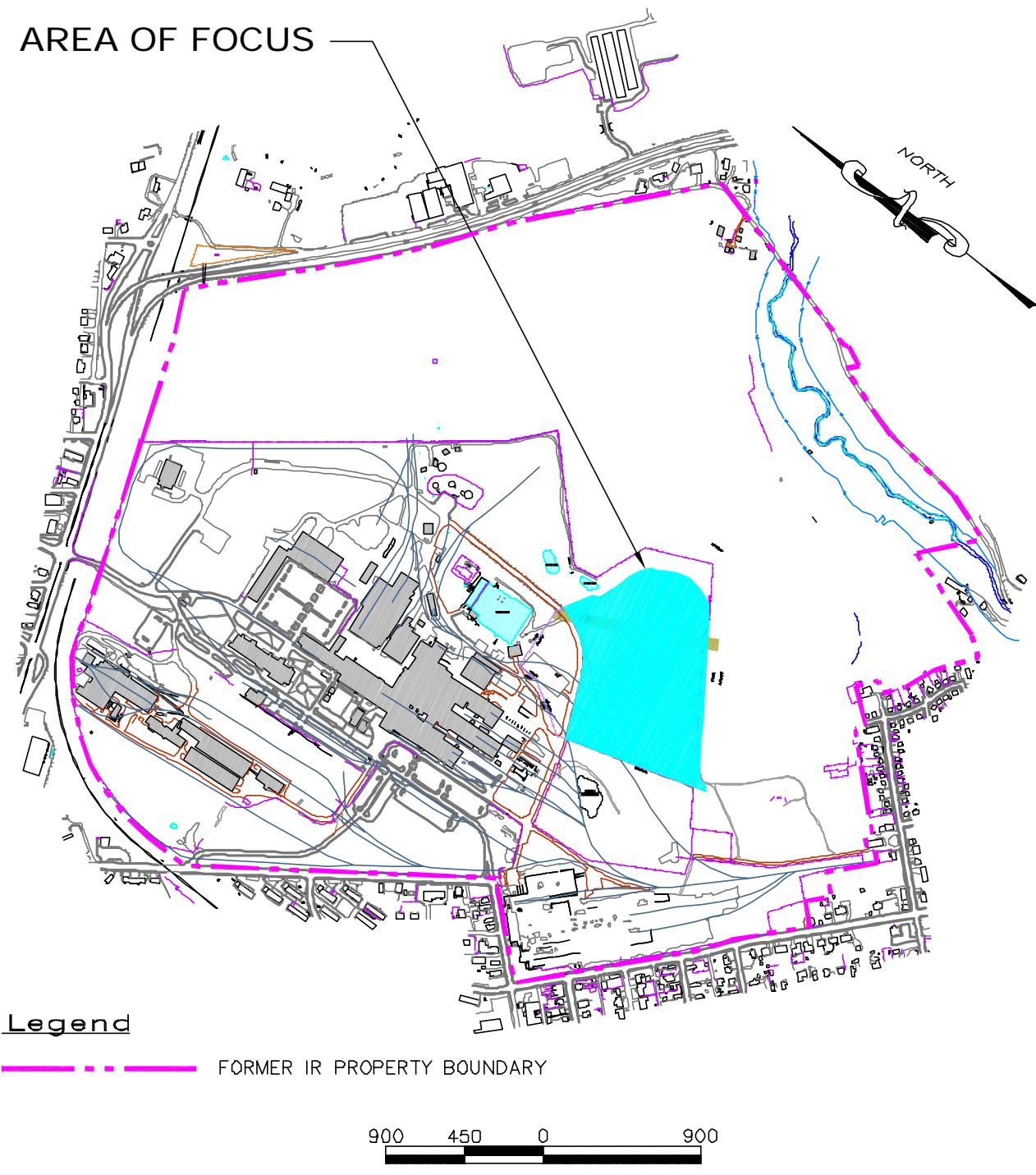
February 2006 Job No. 03710-173

Figure 1: Site Location Map

www.ensr.aecom.com



LOCATION REFERENCE MAP



Notes:

1. BASE SURVEY IS FROM DRAWING ENTITLED "SURVEY OF LANDS FOR INGERSOLL - RAND CO.", PREPARED BY STUDER & McELDONNEY, P.A., DRAWING NO. 1590-G, DATED AUGUST 15, 2003; AND DRAWING ENTITLED "SURVEY OF LANDS FOR INGERSOLL RAND COMPANY," PREPARED BY STUDER & McELDONNEY, P.A., DRAWING NO. 1147-G, DATED FEBRUARY 7, 1992, LAST REVISED JUNE 15, 1992.
2. LOT/ZONE LINES SHOWN ARE TAKEN FROM DRAWING ENTITLED: "FINAL SUBDIVISION PLAT - PHASE 2 PHILLIPSBURG COMMERCE PARK, LOTS 7.02, & 7.05 BLOCK 3201 AND LOT 4 BLOCK 3301", DATED JAN. 20, 2005 W/REVISION DATE OF MARCH 2, 2005, PREPARED BY CHESTER, PLOUSSAS, LISOWSKY PARTNERSHIP, L.P.
3. ALL LOT, ZONE, PROPERTY, AND EASEMENT LINES SHALL BE VERIFIED WITH THE DRAWINGS MENTIONED IN NOTES 1 & 2.
4. PROGRAM INTEREST NAME AND NUMBER (PREFERRED ID): OFFICE OF BROWNFIELD REUSE; ISRA CASE NO. 2004306
5. AOC LOCATIONS/BOUNDARIES ARE APPROXIMATE.
6. PROPOSED TO BE ADDENDUM TO THE ENSR 2005 SITE INVESTIGATION REPORT, REMEDIAL INVESTIGATION REPORT, & REMEDIAL ACTION WORK PLAN - MAIN FACILITY AREA OF THE FORMER INGERSOLL RAND CO. FACILITY.

OLD LANDFILL EXISTING SITE CONDITIONS

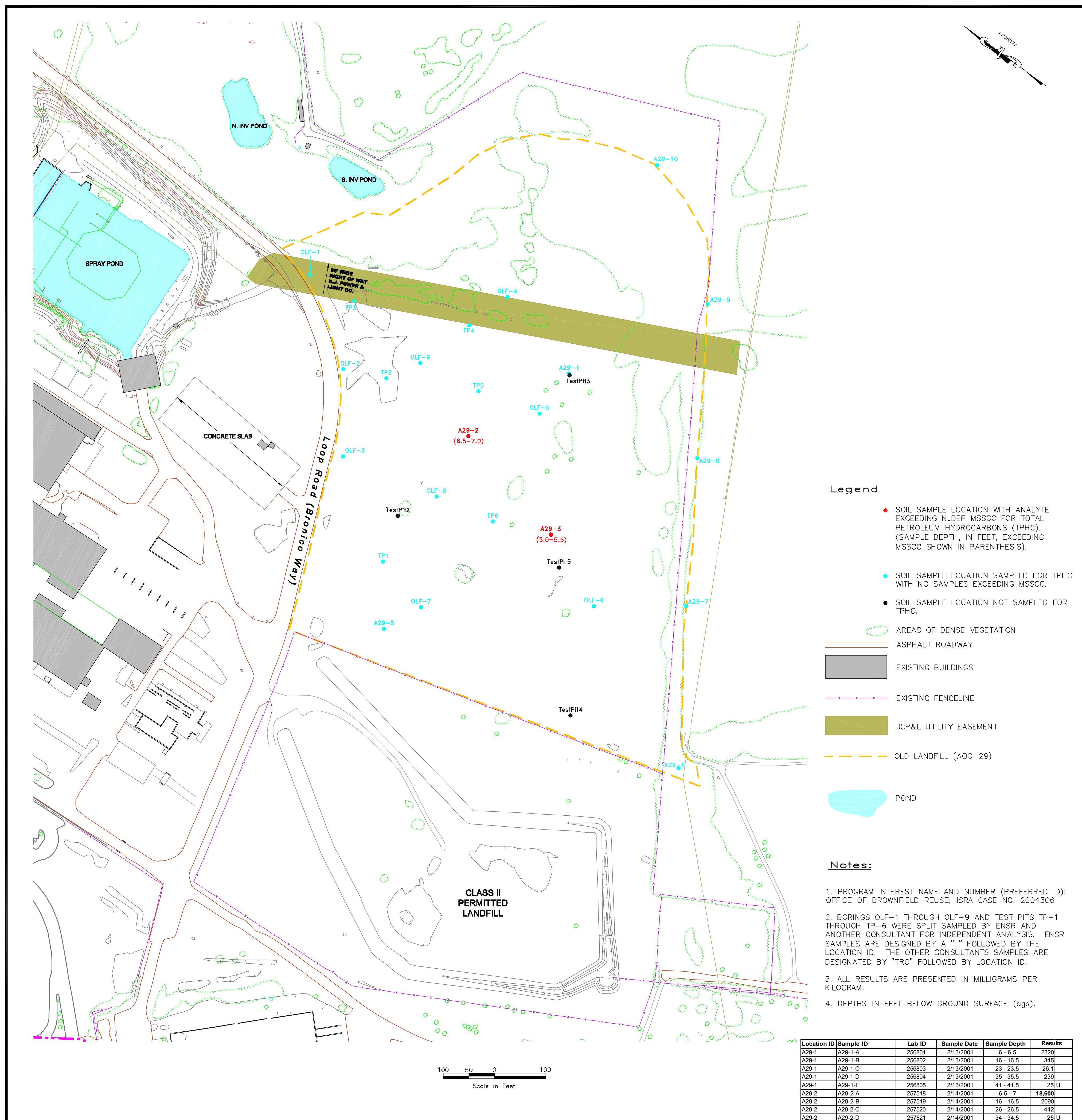
FORMER INGERSOLL RAND COMPANY FACILITY
942 MEMORIAL PARKWAY
PHILLIPSBURG, NJ

SCALE: AS SHOWN DATE: 1/26/06 PROJECT NUMBER: 03710-173

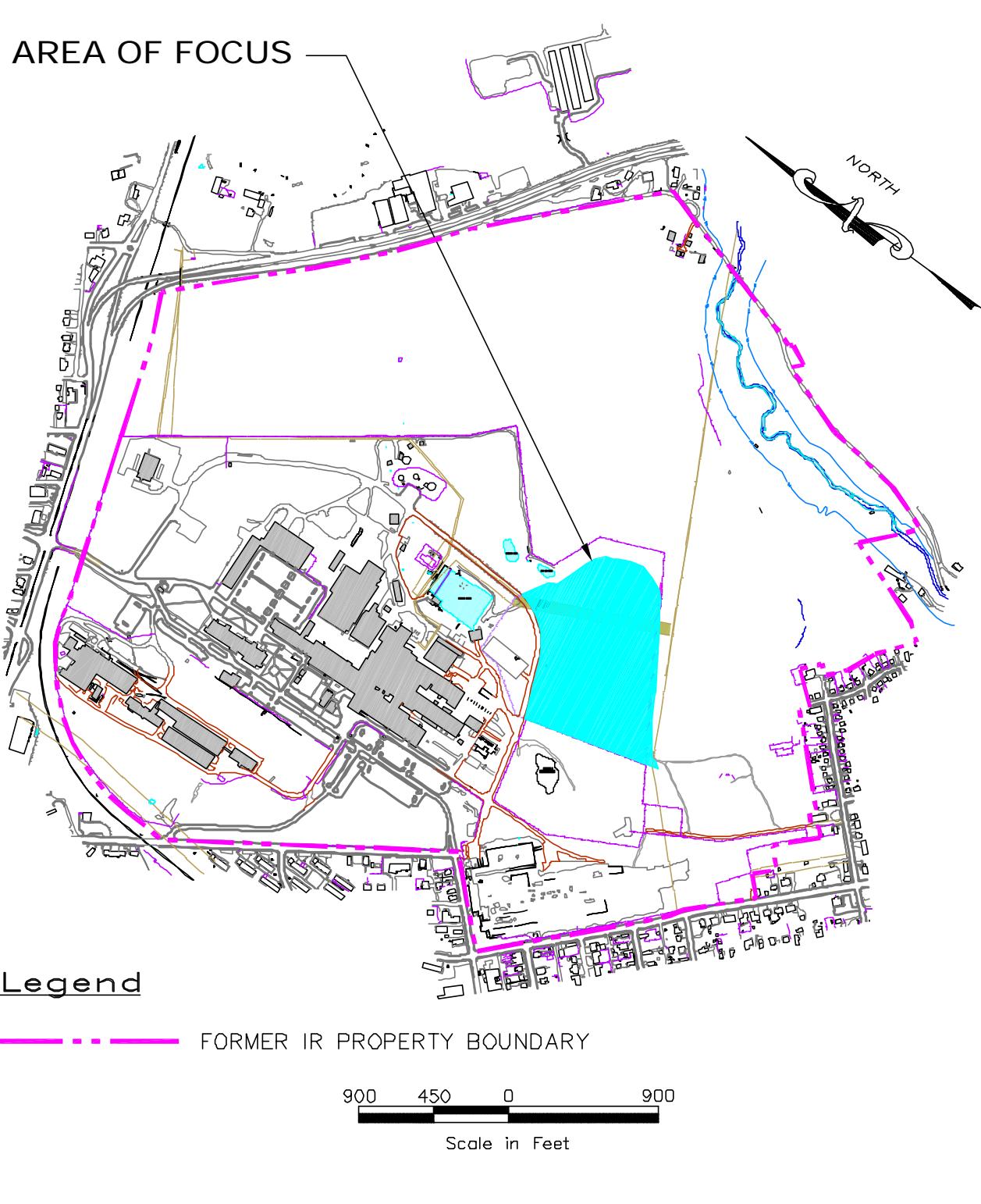
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20 NEW ENGLAND AVENUE
PISCATAWAY, NEW JERSEY 08854
PHONE: (732) 981-0200
FAX: (732) 981-0116
WEB: [HTTP://WWW.ENSR.AECOM.COM](http://www.ensr.aecom.com)

DESIGNED BY:		REVISIONS		
SJS	NO.:	DESCRIPTION:	DATE:	BY:
DRAWN BY:	J.K.			
CHECKED BY:	SM			
APPROVED BY:	SJS			



LOCATION REFERENCE MAP

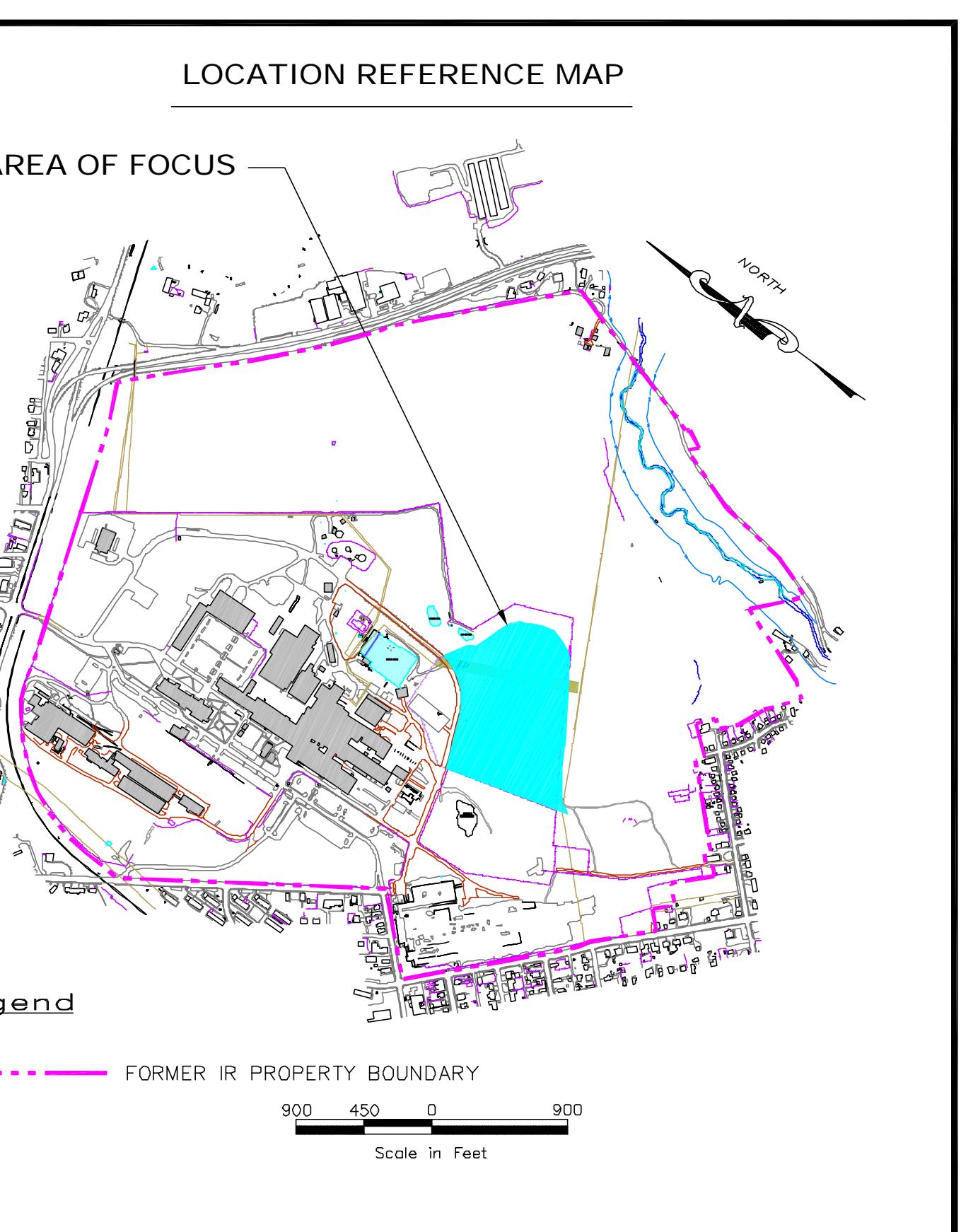
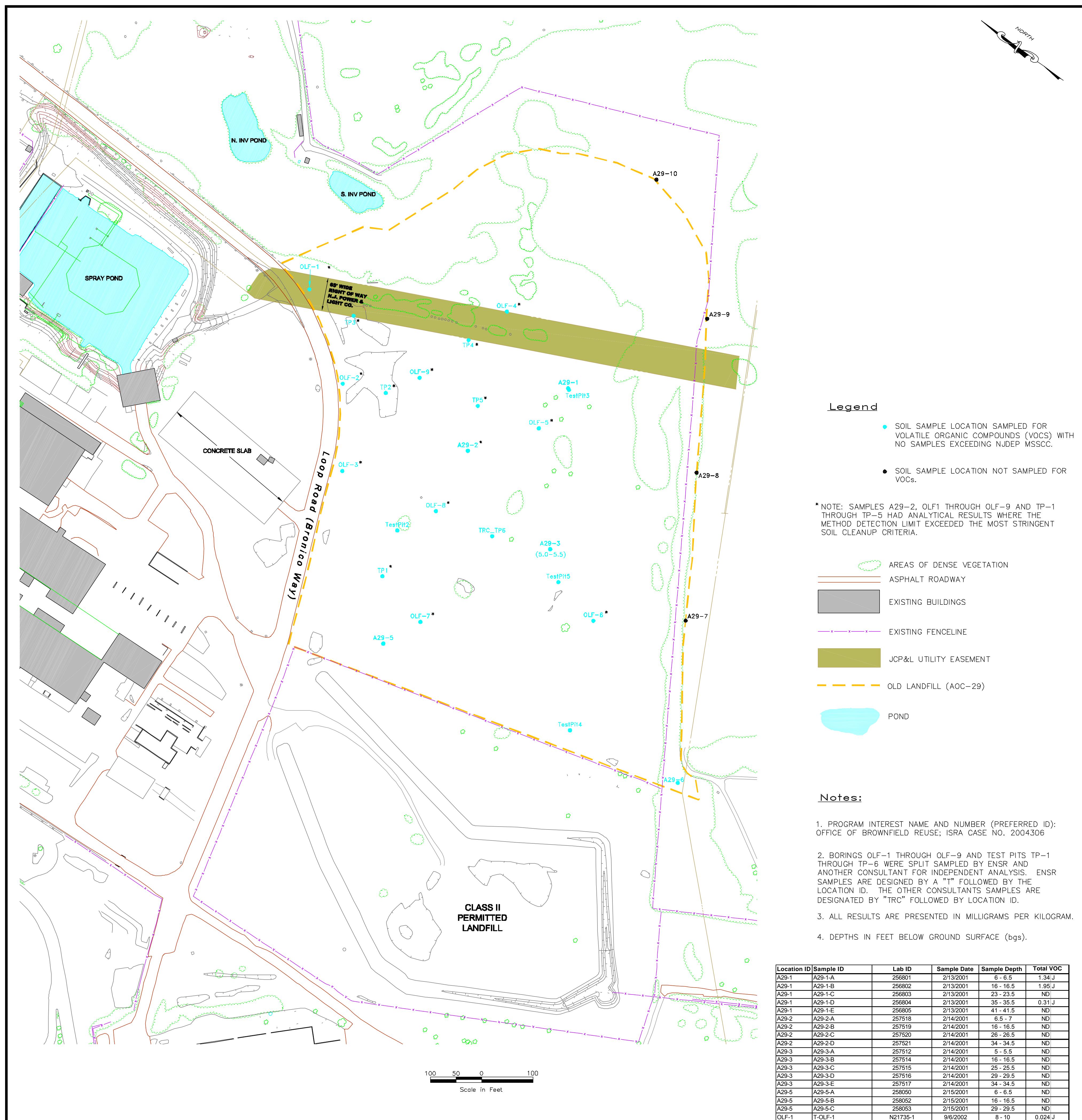


OLD LANDFILL
SITE/REMEDIAL INVESTIGATION SOIL SAMPLE RESULTS
TOTAL PETROLEUM HYDROCARBONS
FORMER INGERSOLL RAND COMPANY FACILITY
942 MEMORIAL PARKWAY
PHILLIPSBURG, NJ

SCALE: AS SHOWN DATE: 1/26/06 PROJECT NUMBER: 03710-173

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SJS	NO.:	DESCRIPTION:	DATE:	BY:
DRAWN BY: JK				
CHECKED BY: SM				
APPROVED BY: SJS				



OLD LANDFILL
SITE/REMEDIAL INVESTIGATION SOIL SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

FORMER INGERSOLL RAND COMPANY FACILITY
942 MEMORIAL PARKWAY
PHILLIPSBURG, NJ

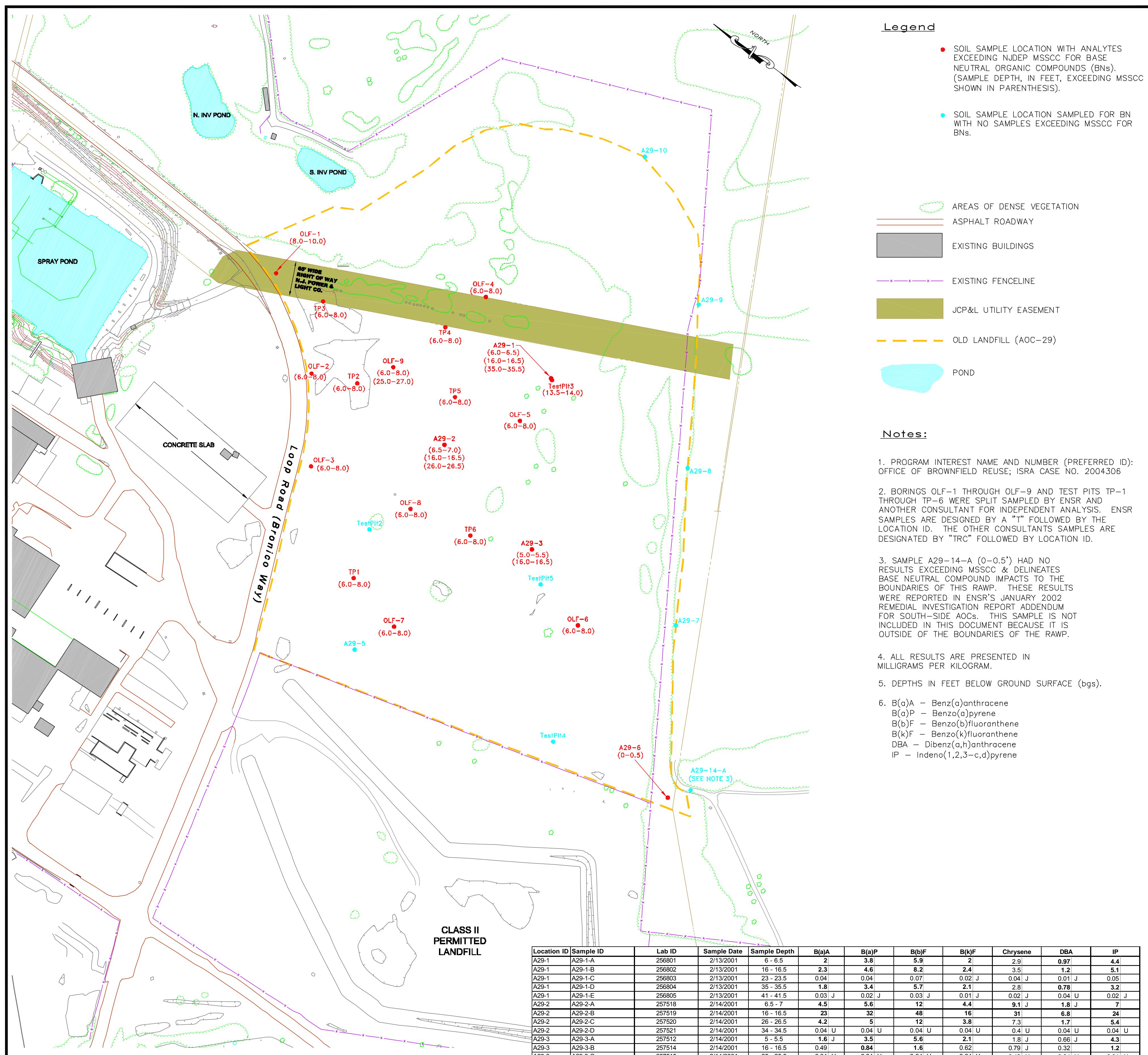
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DRAWN BY: JK
CHECKED BY: SM
APPROVED BY: SJS

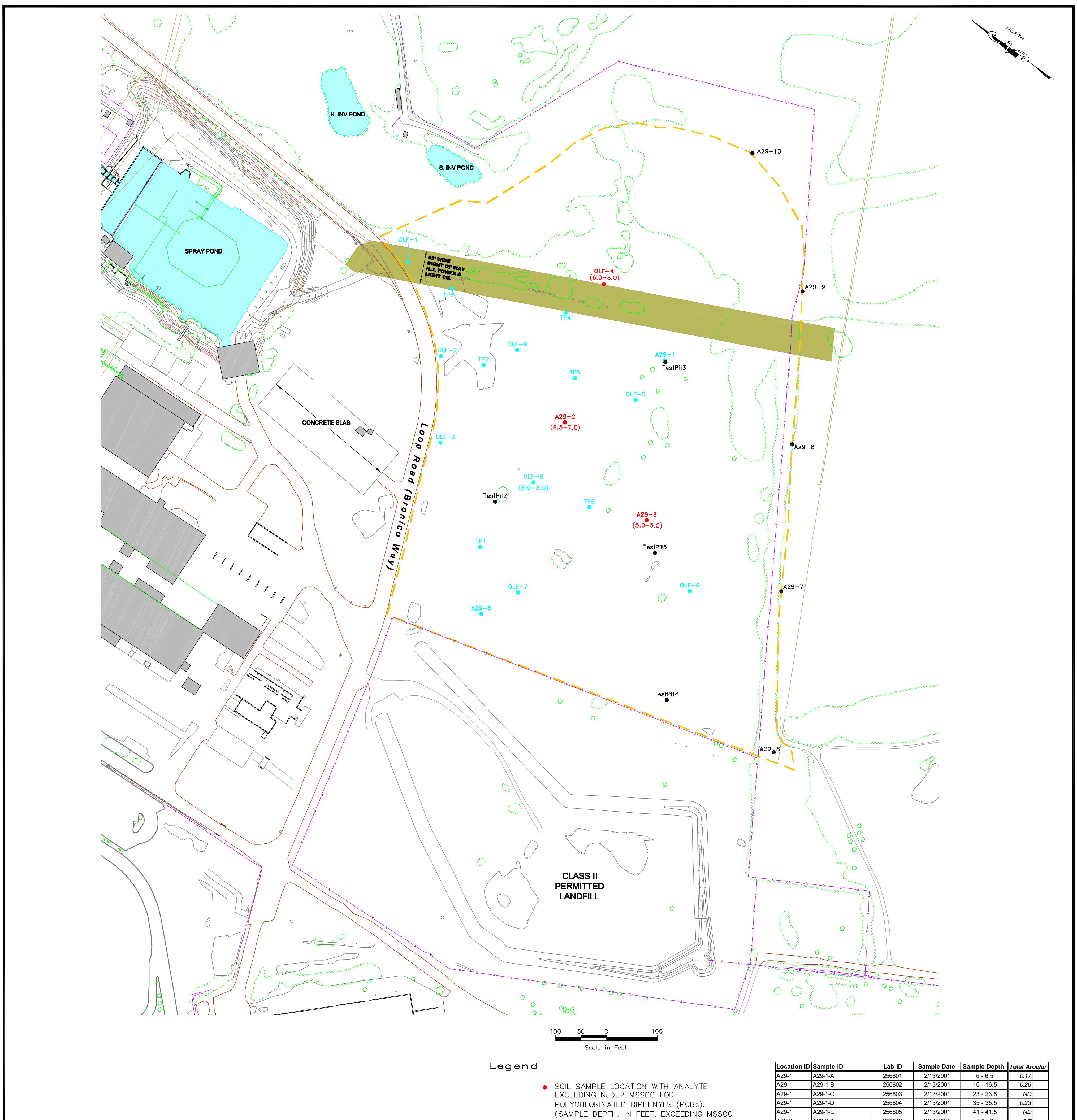
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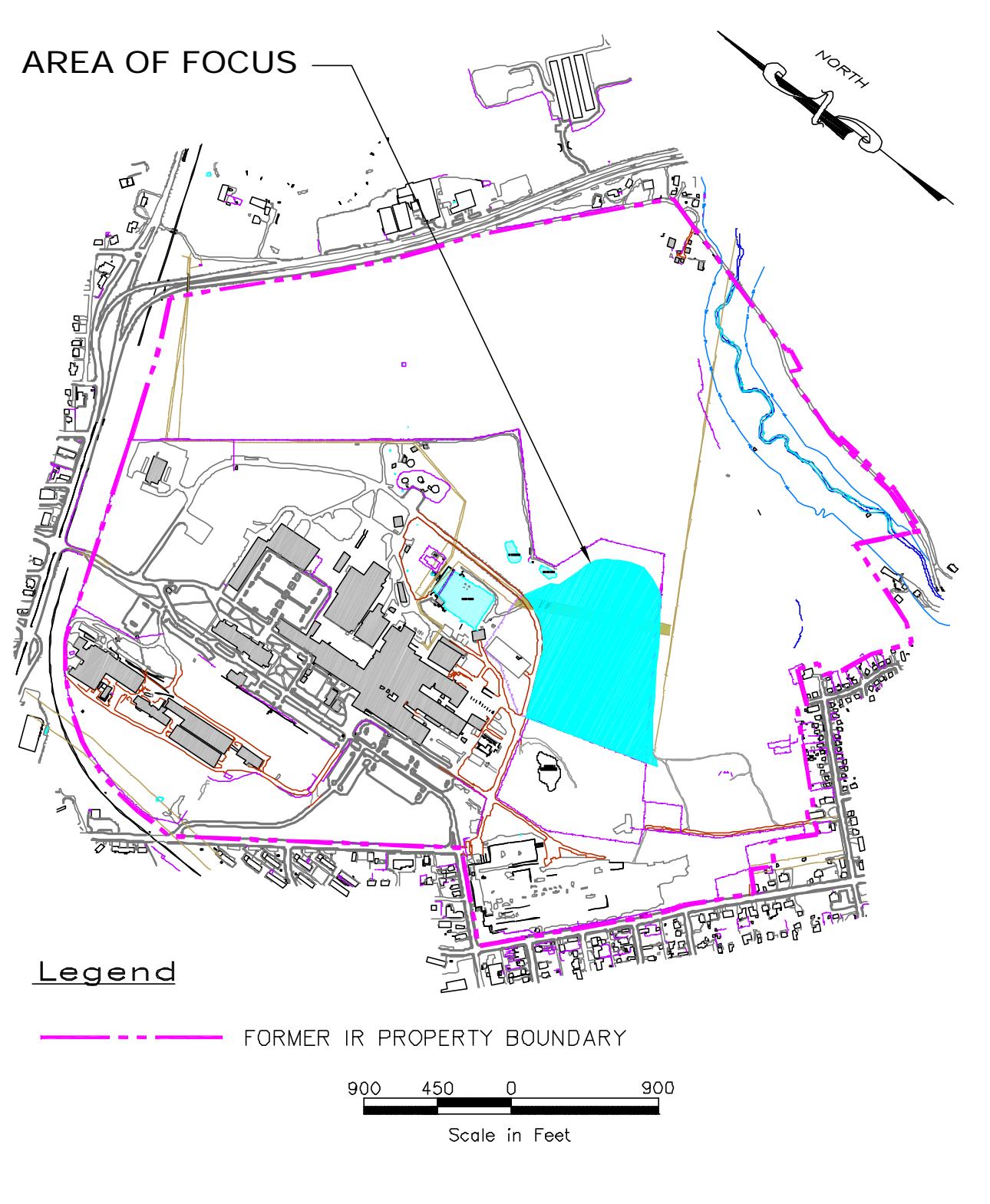
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DESIGNED BY:	NO.:	DESCRIPTION:	DATE:	BY:
SJS				
DRAWN BY:				
CHECKED BY:				
APPROVED BY:				





LOCATION REFERENCE MAP



Legend

● SOIL SAMPLE LOCATION WITH ANALYTE EXCEEDING NJDEP MSSCC FOR POLYCHLORINATED BIPHENYLs (PCBs). (SAMPLE DEPTH, IN FEET, EXCEEDING MSSCC SHOWN IN PARENTHESIS).

● SOIL SAMPLE LOCATION SAMPLED FOR PCBs WITH NO SAMPLES EXCEEDING MSSCC FOR PCBs.

● SOIL SAMPLE LOCATION NOT SAMPLED FOR PCBs.

○ AREAS OF DENSE VEGETATION

— ASPHALT ROADWAY

■ EXISTING BUILDINGS

- - - EXISTING FENCELINE

■ JCP&L UTILITY EASEMENT

— OLD LANDFILL (AOC-29)

■ POND

Notes:

1. PROGRAM INTEREST NAME AND NUMBER (PREFERRED ID): OFFICE OF BROWNFIELD REUSE; ISRA CASE NO. 2004306

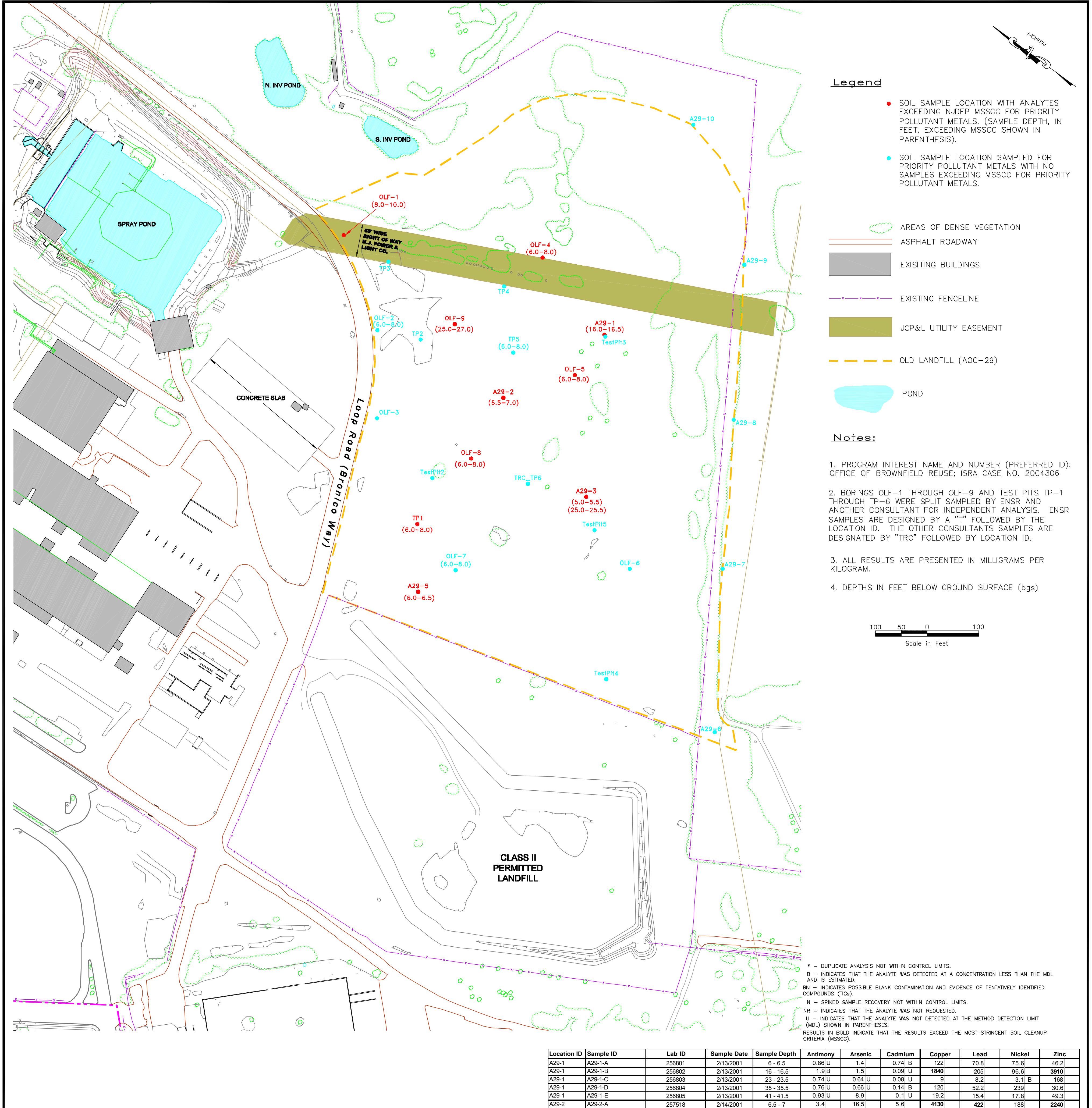
2. BORINGS OLF-1 THROUGH OLF-9 AND TEST PITS TP-1 THROUGH TP-6 WERE SPLIT SAMPLED BY ENSR AND ANOTHER CONSULTANT FOR INDEPENDENT ANALYSIS. ENSR SAMPLES ARE DESIGNATED BY A "T" FOLLOWED BY THE LOCATION ID. THE OTHER CONSULTANT'S SAMPLES ARE DESIGNATED BY "TRC" FOLLOWED BY LOCATION ID.

3. ALL RESULTS ARE PRESENTED IN MILLIGRAMS PER KILOGRAM.

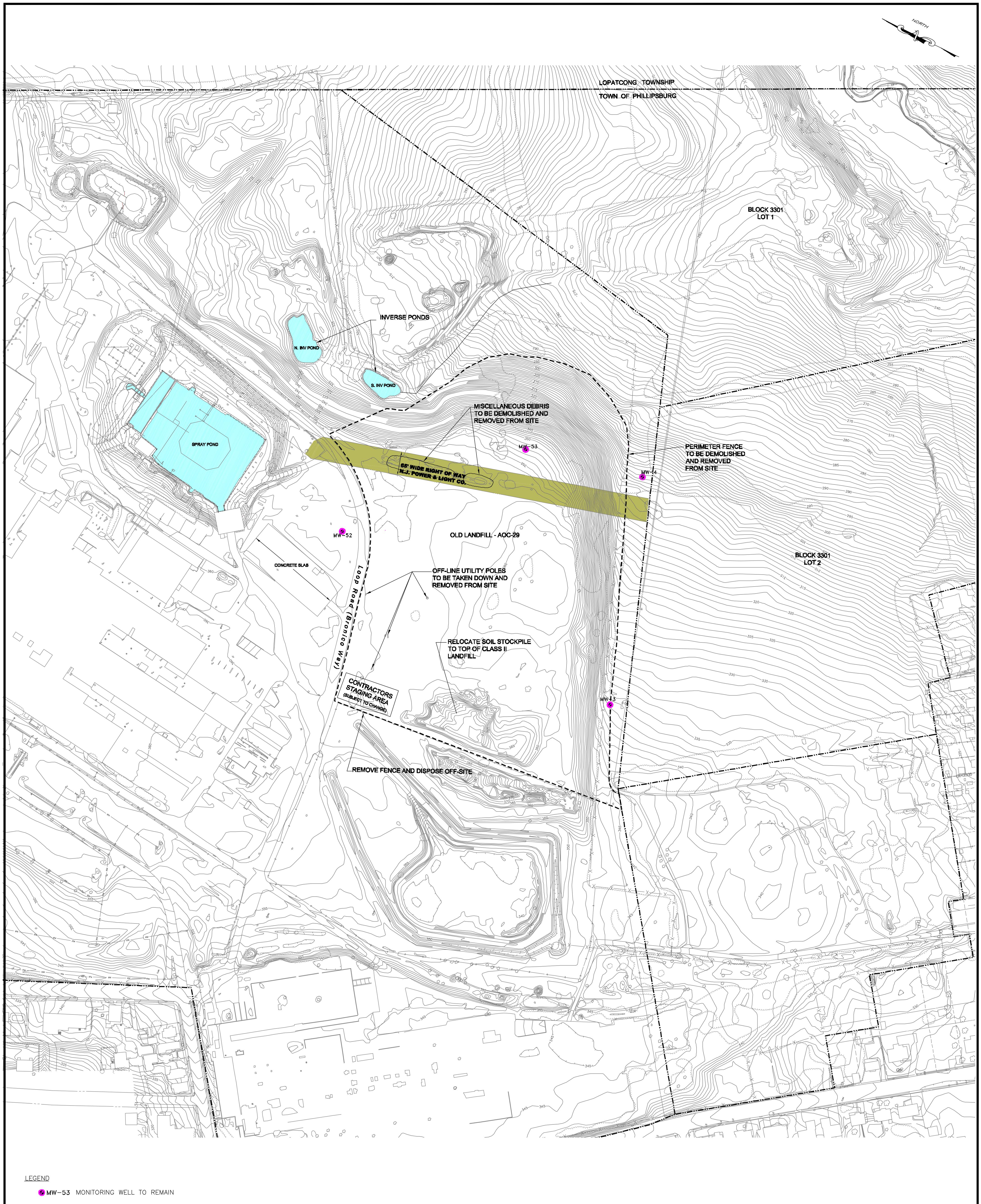
4. DEPTHS IN FEET BELOW GROUND SURFACE (bgs).

Location ID	Sample ID	Lab ID	Sample Date	Sample Depth	Total Aroclor
A29-1	A29-1-A	256801	2/13/2001	6 - 6.5	0.17
A29-1	A29-1-B	256802	2/13/2001	16 - 16.5	0.26
A29-1	A29-1-C	256803	2/13/2001	23 - 23.5	ND
A29-1	A29-1-D	256804	2/13/2001	35 - 35.5	0.23
A29-1	A29-1-E	256805	2/13/2001	41 - 41.5	ND
A29-2	A29-2-A	257518	2/14/2001	6.5 - 7	3.7
A29-2	A29-2-B	257512	2/14/2001	16 - 16.5	0.17
A29-2	A29-2-C	257620	2/14/2001	26 - 26.5	ND
A29-2	A29-2-D	257521	2/14/2001	34 - 34.5	ND
A29-3	A29-3-A	257514	2/14/2001	5 - 5.5	1.98
A29-3	A29-3-B	257515	2/14/2001	25 - 25.5	ND
A29-3	A29-3-C	257516	2/14/2001	29 - 29.5	ND
A29-3	A29-3-D	257517	2/14/2001	34 - 34.5	ND
A29-5	A29-5-A	258050	2/15/2001	6 - 6.5	ND
A29-5	A29-5-B	258052	2/15/2001	16 - 16.5	ND
A29-5	A29-5-C	258053	2/15/2001	29 - 29.5	ND
OLF-1	T-OLF-1	N21735-1	9/6/2002	8 - 10	ND
OLF-1	TRC-OLF1-8-10	374547	9/6/2002	8 - 10	ND
OLF-2	T-OLF-2	N21735-2	9/6/2002	6 - 8	ND
OLF-2	TRC-OLF2-6-8	374548	9/6/2002	6 - 8	ND
OLF-3	T-OLF-3	N21735-3	9/6/2002	6 - 8	ND
OLF-3	TRC-OLF3-6-8	374549	9/6/2002	6 - 8	ND
OLF-4	T-OLF-4	N21735-23	9/10/2002	6 - 8	0.79
OLF-4	T-OLF-4-A	N21735-24	9/10/2002	6 - 8	0.24
OLF-4	T-OLF-4-E-6	375150	9/10/2002	6 - 8	0.2
OLF-4	T-OLF-4B	N21735-26	9/10/2002	40 - 42	ND
OLF-4	TRC-OLF4-40-42	375704	9/10/2002	40 - 42	ND
OLF-5	T-OLF-5	N21735-9	9/9/2002	6 - 8	ND
OLF-5	TRC-OLF5-6-8	375158	9/9/2002	6 - 8	0.38
OLF-6	T-OLF-6	N21735-21	9/10/2002	6 - 8	ND
OLF-6	TRC-OLF6-6-8	375701	9/10/2002	6 - 8	0.09
OLF-7	T-OLF-7	N21735-12	9/9/2002	6 - 8	ND
OLF-7	TRC-OLF7-6-8	375160	9/9/2002	6 - 8	ND
OLF-7	T-OLF-7B	N21735-20	9/10/2002	29 - 31	ND
OLF-7	TRC-OLF7-29-31	375161	9/10/2002	29 - 31	ND
OLF-8	T-OLF-8	N21735-6	9/9/2002	6 - 8	ND
OLF-8	TRC-OLF8-6-8	375159	9/9/2002	6 - 8	3.94
OLF-9	T-OLF-9	N21735-7	9/9/2002	6 - 8	ND
OLF-9	TRC-OLF9-6-8	375161	9/9/2002	6 - 8	ND
OLF-9	T-OLF-9B	N21735-8	9/9/2002	25 - 27	ND
OLF-9	TRC-OLF9-25-27	375162	9/9/2002	25 - 27	ND
TP1	T-TP1	N22074-15	9/12/2002	6 - 8	ND
TP2	T-TP2	N22074-14	9/12/2002	6 - 8	ND
TP2	TRC TP2-6-8	376246	9/12/2002	6 - 8	ND
TP3	T-TP3	N22074-13	9/12/2002	6 - 8	ND
TP3	TRC TP3-6-8	376247	9/12/2002	6 - 8	ND
TP4	T-TP4	N22074-12	9/12/2002	6 - 8	ND
TP4	TRC TP4-6-8	376248	9/12/2002	6 - 8	ND
TP5	T-TP5	N22074-11	9/12/2002	6 - 8	ND
TP5	TRC TP5-6-8	376249	9/12/2002	6 - 8	ND
TP6	T-TP6	N22074-9	9/12/2002	6 - 8	ND
TP6	TRC TP6-6-8	376250	9/12/2002	6 - 8	ND

ND = NOT DETECTED.
RESULTS IN **BOLD** INDICATE THAT THE TOTAL AROCLORS (PCBs) EXCEED THE MOST STRINGENT SOIL CLEANUP CRITERIA (MSSCC) OF 0.49 MG/KG.



Construction Figures



LEGEND

● MW-53 MONITORING WELL TO REMAIN

○ AREAS OF DENSE VEGETATION

— EXISTING TOPOGRAPHIC CONTOUR

■ JCP&L UTILITY EASEMENT

— LOT BOUNDARIES

- - - LIMIT OF WORK
(18 ACRES)

POND

120 0 120 240
SCALE IN FEET
1" = 120'

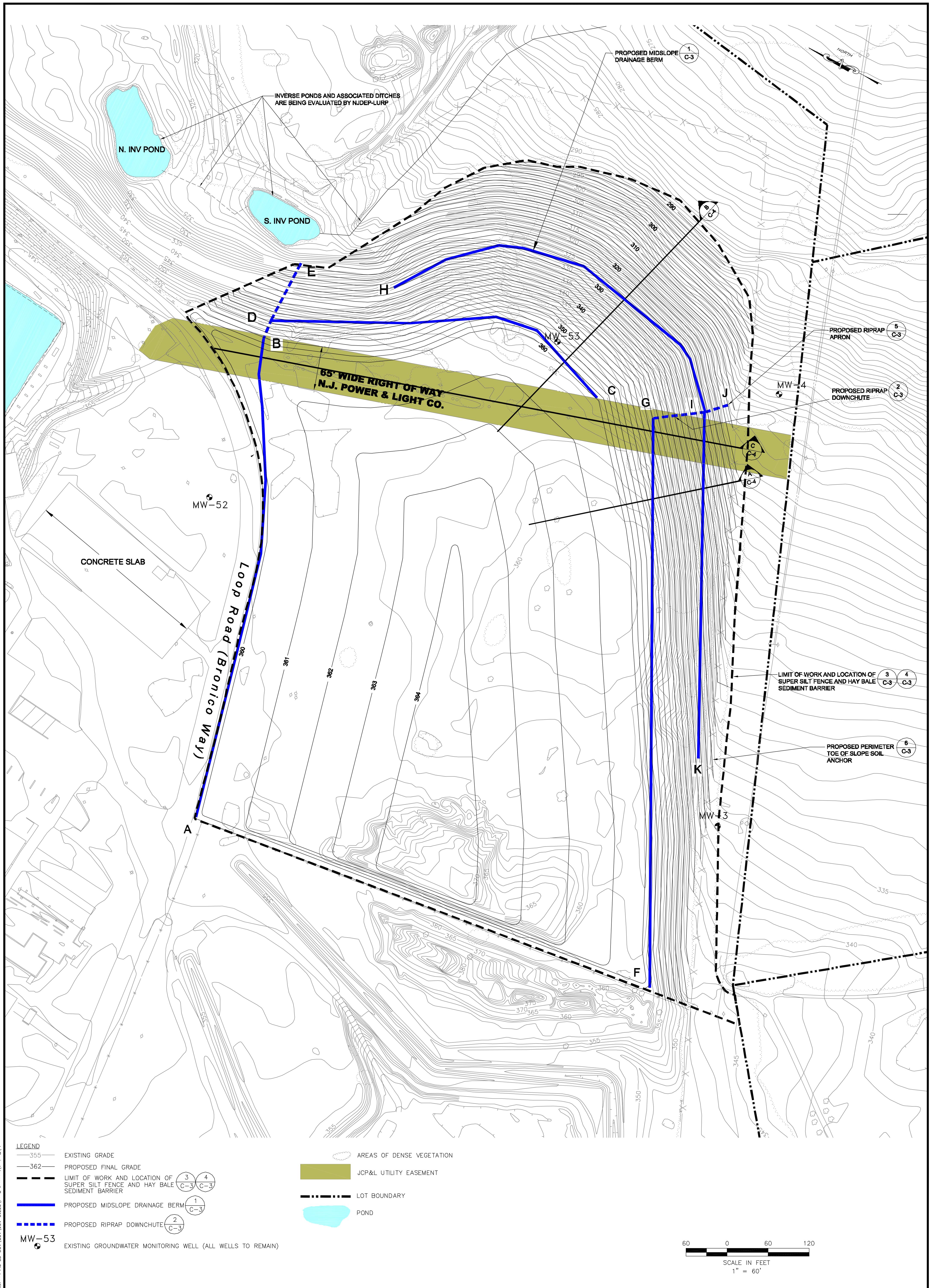
C-1

OLD LANDFILL (AOC-29) EXISTING SITE CONDITIONS AND SITE PREPARATION		
FORMER INGERSOLL RAND COMPANY FACILITY 942 MEMORIAL PARKWAY PHILLIPSBURG, NJ		
SCALE: AS SHOWN	DATE: 1/26/06	PROJECT NUMBER: 03710-173

ENSR AECOM	
ENSR CORPORATION 20 NEW ENGLAND AVENUE PISCATAWAY, NEW JERSEY 08854 PHONE: (732) 981-0200 FAX: (732) 981-0116 WEB: HTTP://WWW.ENSR.AECOM.COM	

DESIGNED BY:	REVISIONS		
NO.:	DESCRIPTION:	DATE:	BY:
SJS			
DRAWN BY:			
J.E.B.			
CHECKED BY:			
K.C.			
APPROVED BY:			
X			

STEVEN J. SURMAN, P.E.
N.J. PROFESSIONAL ENGINEER 24GE04117300



C-2
DRAWING NUMBER:
2 OF 4

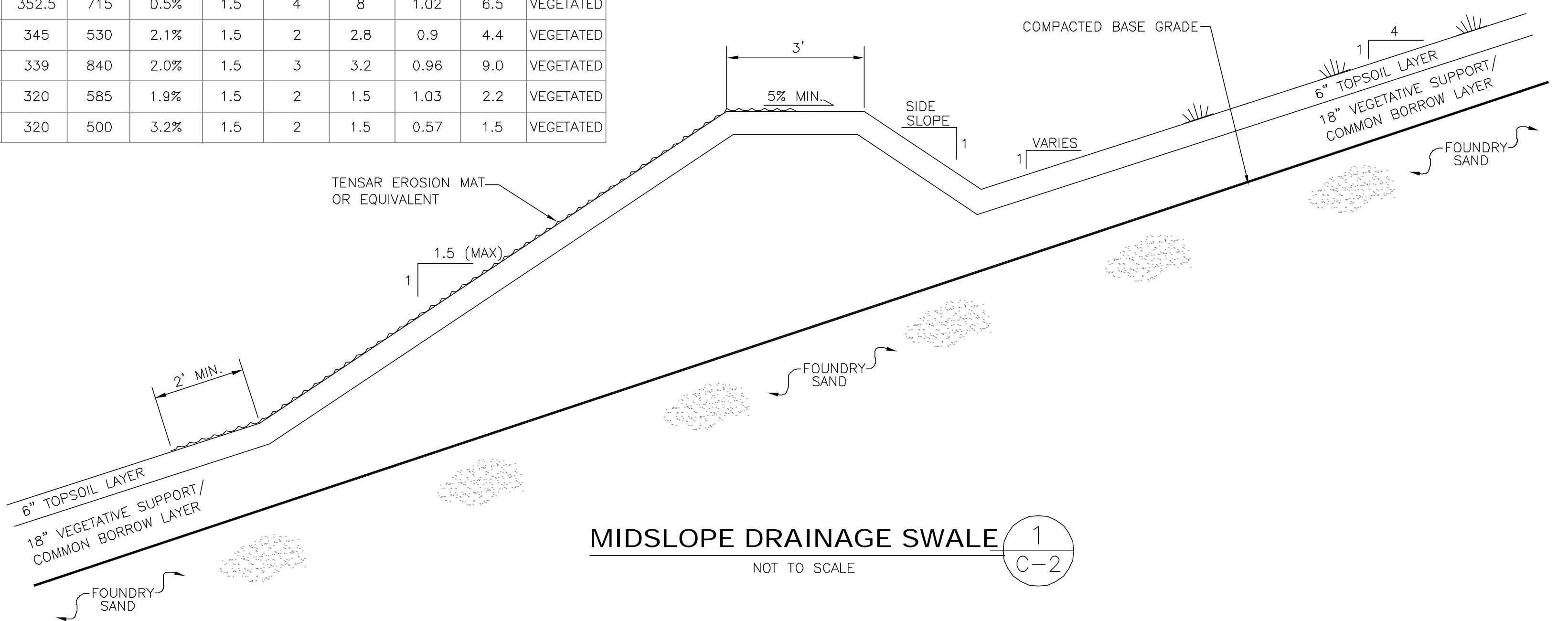
**OLD LANDFILL (AOC-29)
PROPOSED FINAL GRADING PLAN**
FORMER INGERSOLL RAND COMPANY FACILITY
942 MEMORIAL PARKWAY
PHILLIPSBURG, NJ
SCALE: AS SHOWN DATE: 1/26/06 PROJECT NUMBER: 03710-173

ENSR | AECOM
ENSR CORPORATION
20 NEW ENGLAND AVENUE
PISCATAWAY, NEW JERSEY 08854
PHONE: (732) 981-0200
FAX: (732) 981-0116
WEB: [HTTP://WWW.ENSR.AECOM.COM](http://WWW.ENSR.AECOM.COM)

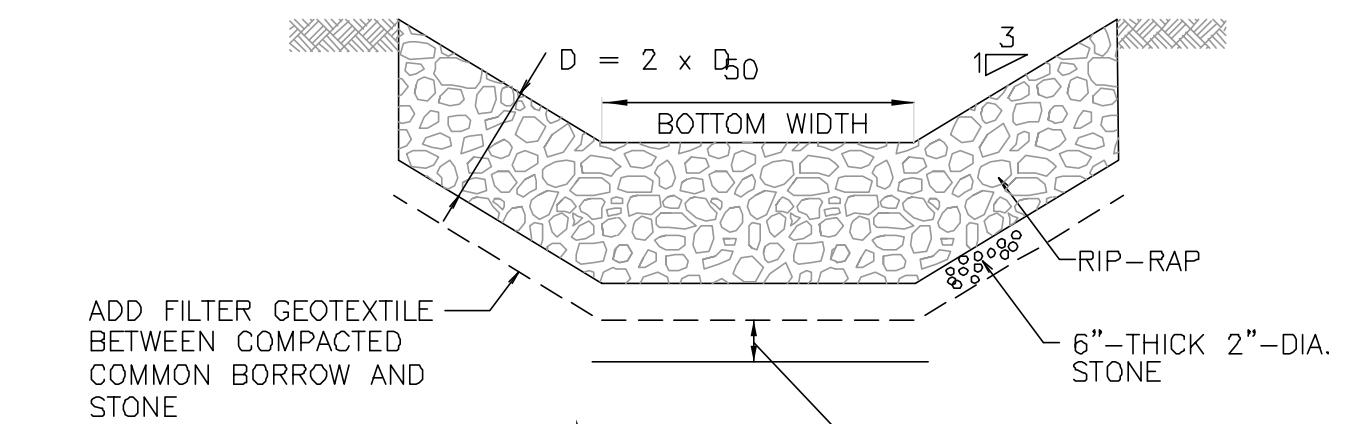
REVISIONS				
DESIGNED BY:	NO.:	DESCRIPTION:	DATE:	BY:
SJS				
DRAWN BY:				
J.E.B.				
CHECKED BY:				
K.C.				
APPROVED BY:				
SJS				

STEVEN J. SURMAN, P.E.
N.J. PROFESSIONAL ENGINEER
24GED4117300

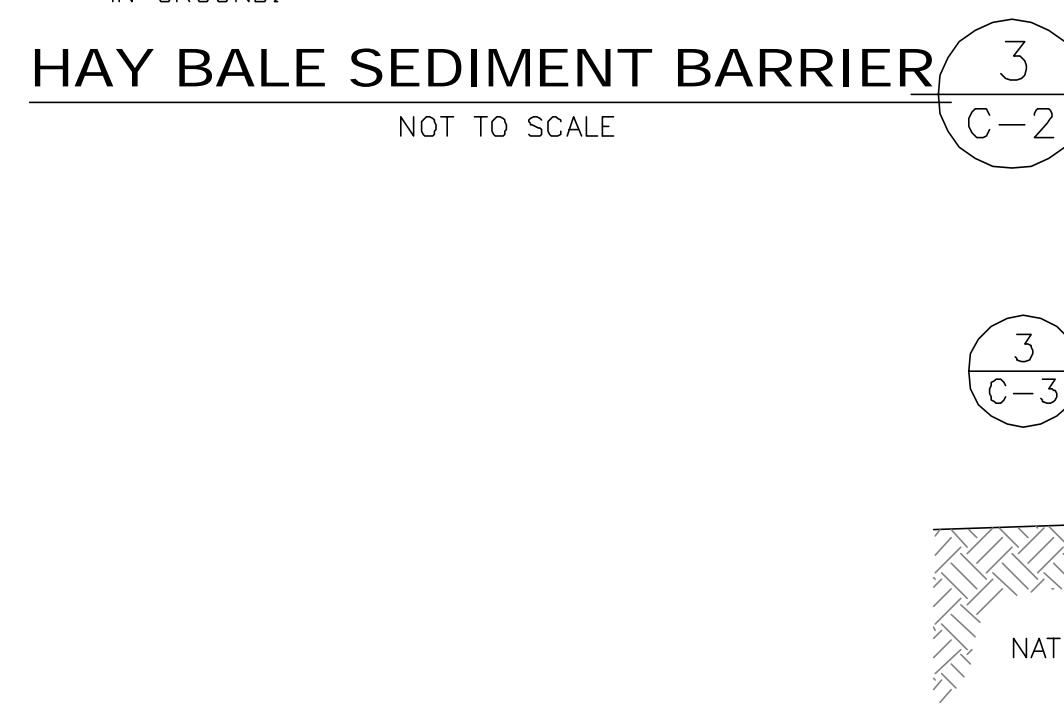
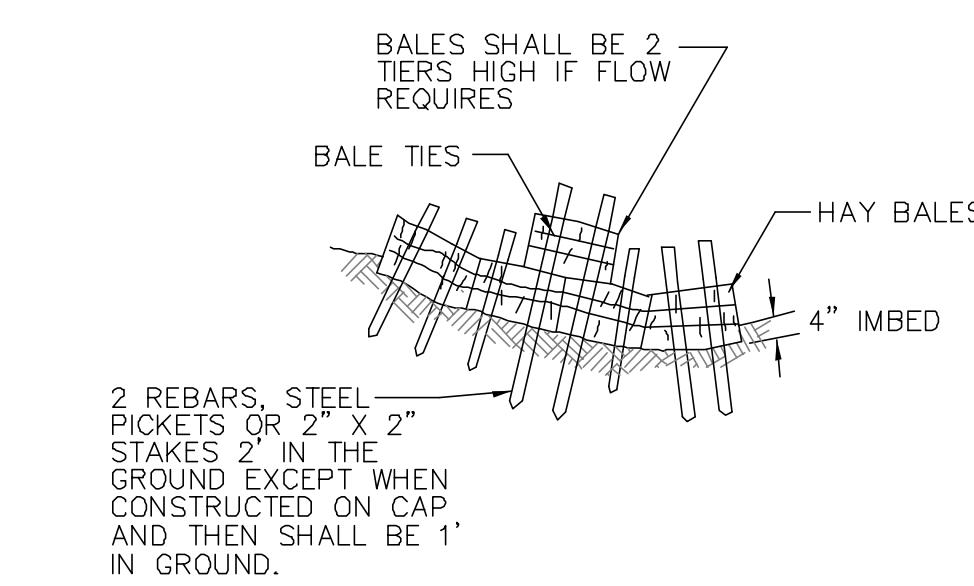
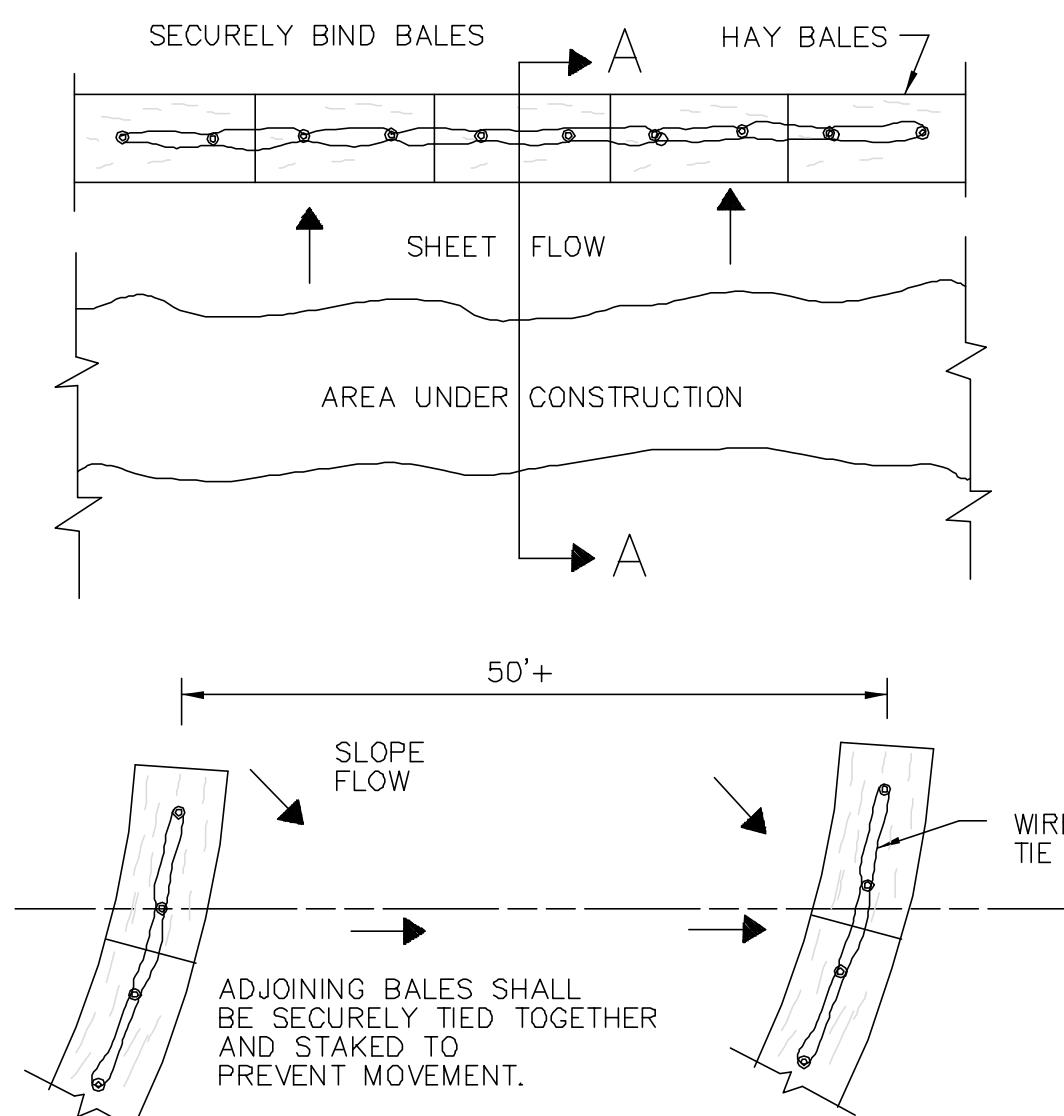
SWALE	UPSLOPE INVERT	DOWN-SLOPE INVERT	LENGTH	COMPUTED SLOPE	DEPTH (ft)	SIDE SLOPE	MAXFLOW VELOCITY DESIGN STORM (ft/s)	MAXFLOW DEPTH DESIGN STORM (ft)	MAX OUTFLOW 25-YEAR (CFS)	CHANNEL LINING
AB	356	352.5	715	0.5%	1.5	4	8	1.02	6.5	VEGETATED
CD	356	345	530	2.1%	1.5	2	2.8	0.9	4.4	VEGETATED
FG	356	339	840	2.0%	1.5	3	3.2	0.96	9.0	VEGETATED
HI	331	320	585	1.9%	1.5	2	1.5	1.03	2.2	VEGETATED
KI	336	320	500	3.2%	1.5	2	1.5	0.57	1.5	VEGETATED



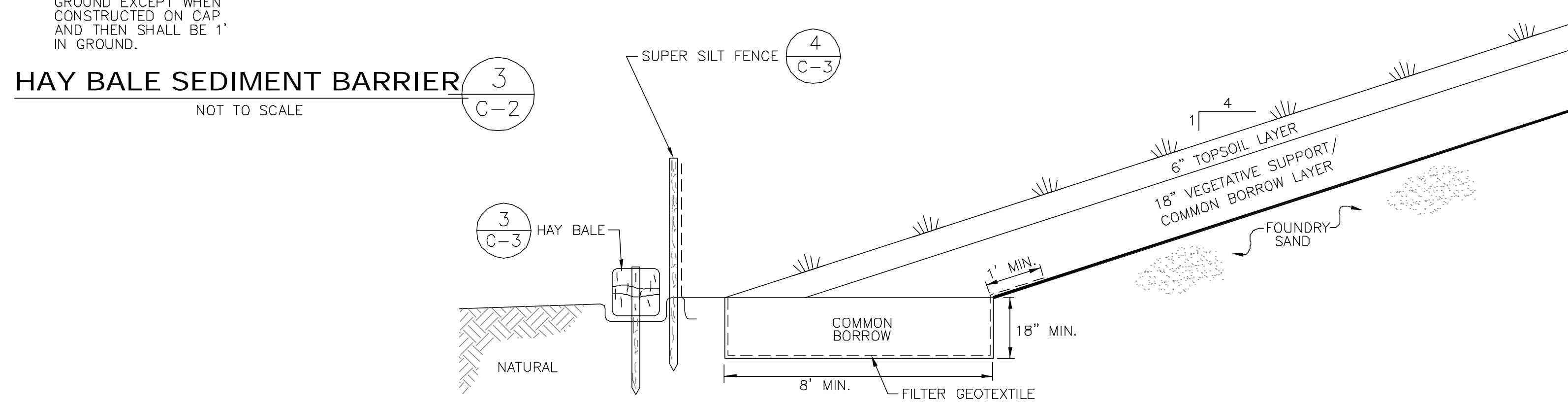
SWALE	UPSLOPE INVERT	DOWN-SLOPE INVERT	LENGTH	COMPUTED SLOPE	DEPTH (ft)	BOTTOM WIDTH	MAXFLOW VELOCITY DESIGN STORM ft/s	MAX DEPTH DESIGN STORM (ft)	MAX OUTFLOW 25-YEAR (CFS)	D ₅₀ RIP RAP ¹
BD	352.5	345	30	25.0%	1.5	1	6.8	0.91	7.52	15"
DE	345	324	95	22.1%	1.5	2	5.2	0.97	9.6	18"
GI	339	320	75	25.3%	1.5	1	4.8	0.97	7.6	18"
IJ	320	311	35	25.7%	1.5	2	5.8	1.03	11.0	18"



NOTE:
¹ DESIGN ON ROADSIDE CHANNELS WITH FLEXIBLE LININGS, HEC 15, APRIL 88, CHART 15.



PERIMETER TOE OF SLOPE SOIL ANCHOR 6 C-2
NOT TO SCALE



ACCESS ROAD AND DRAINAGE SWALE 7 C-2
NOT TO SCALE

SWALE	UPSLOPE INVERT	DOWN-SLOPE INVERT	LENGTH	COMPUTED SLOPE	DEPTH (ft)	BOTTOM WIDTH	MAXFLOW VELOCITY DESIGN STORM ft/s	MAX DEPTH DESIGN STORM (ft)	MAX OUTFLOW 25-YEAR (CFS)	D ₅₀ RIP RAP ¹
BD	352.5	345	30	25.0%	1.5	1	6.8	0.91	7.52	15"
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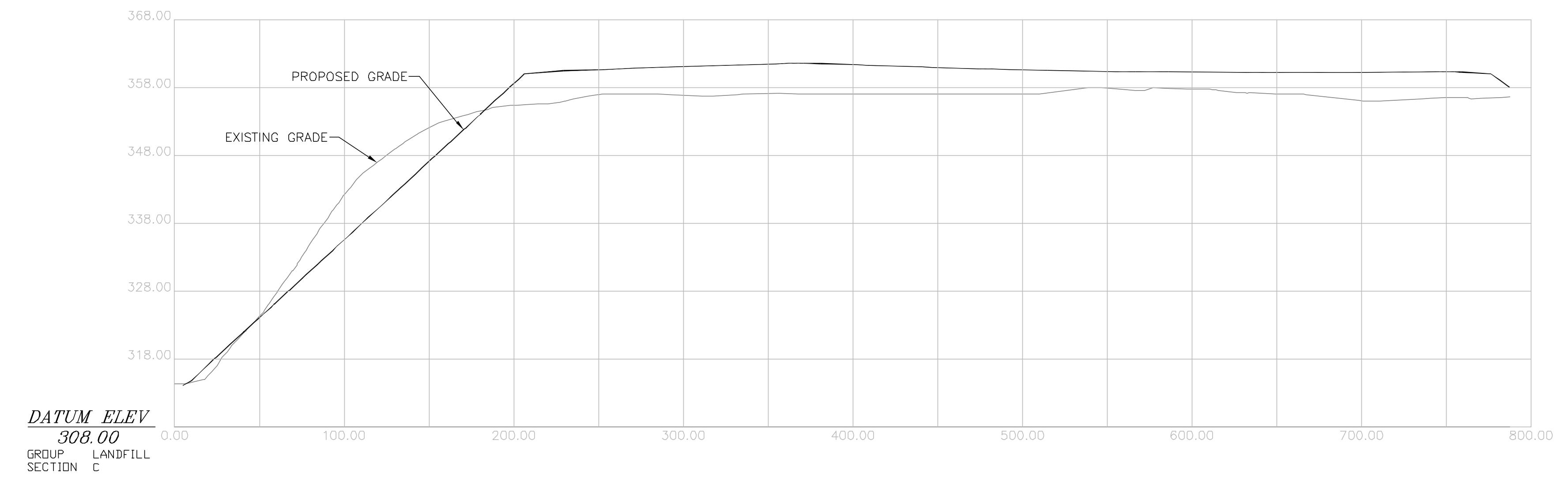
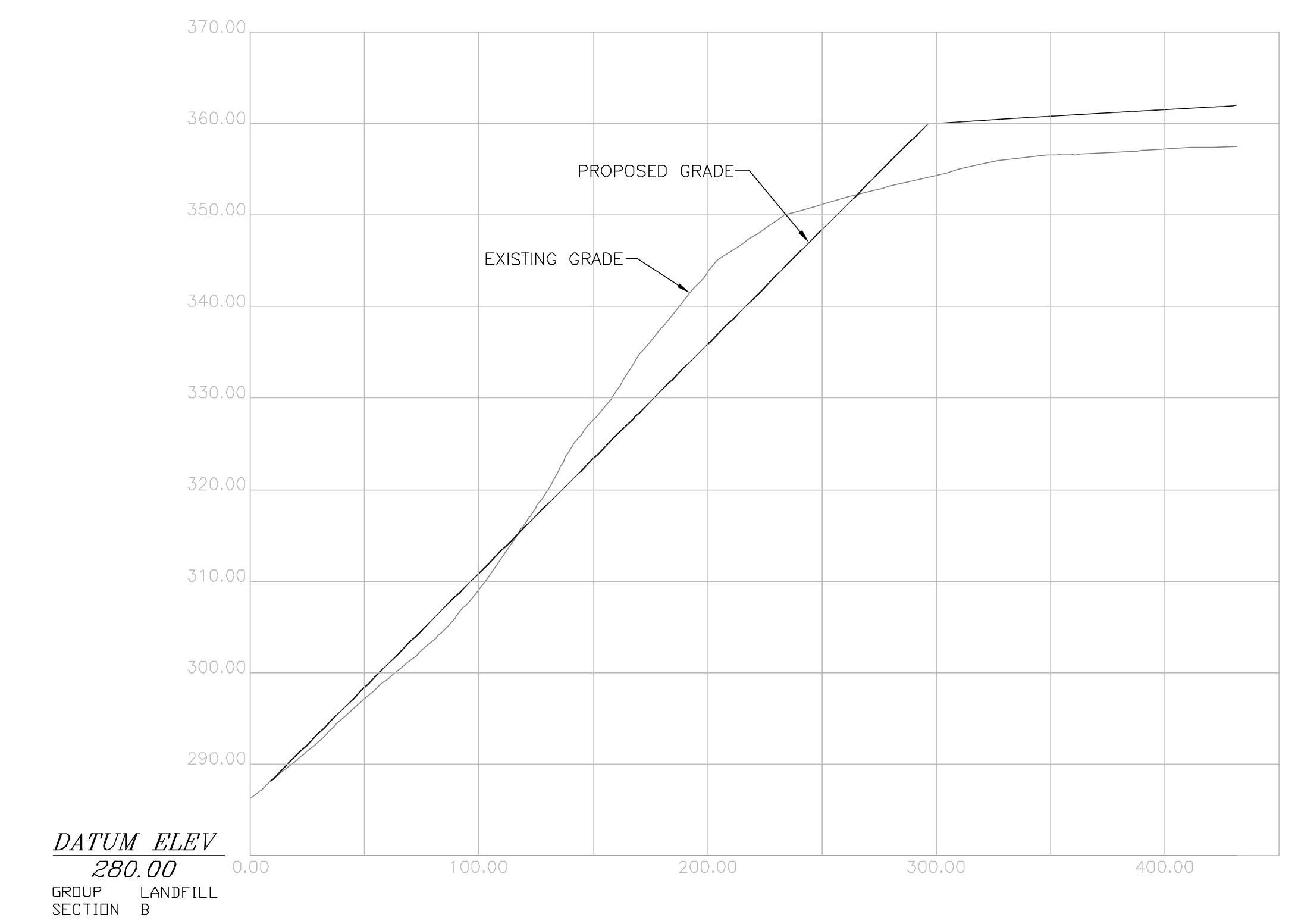
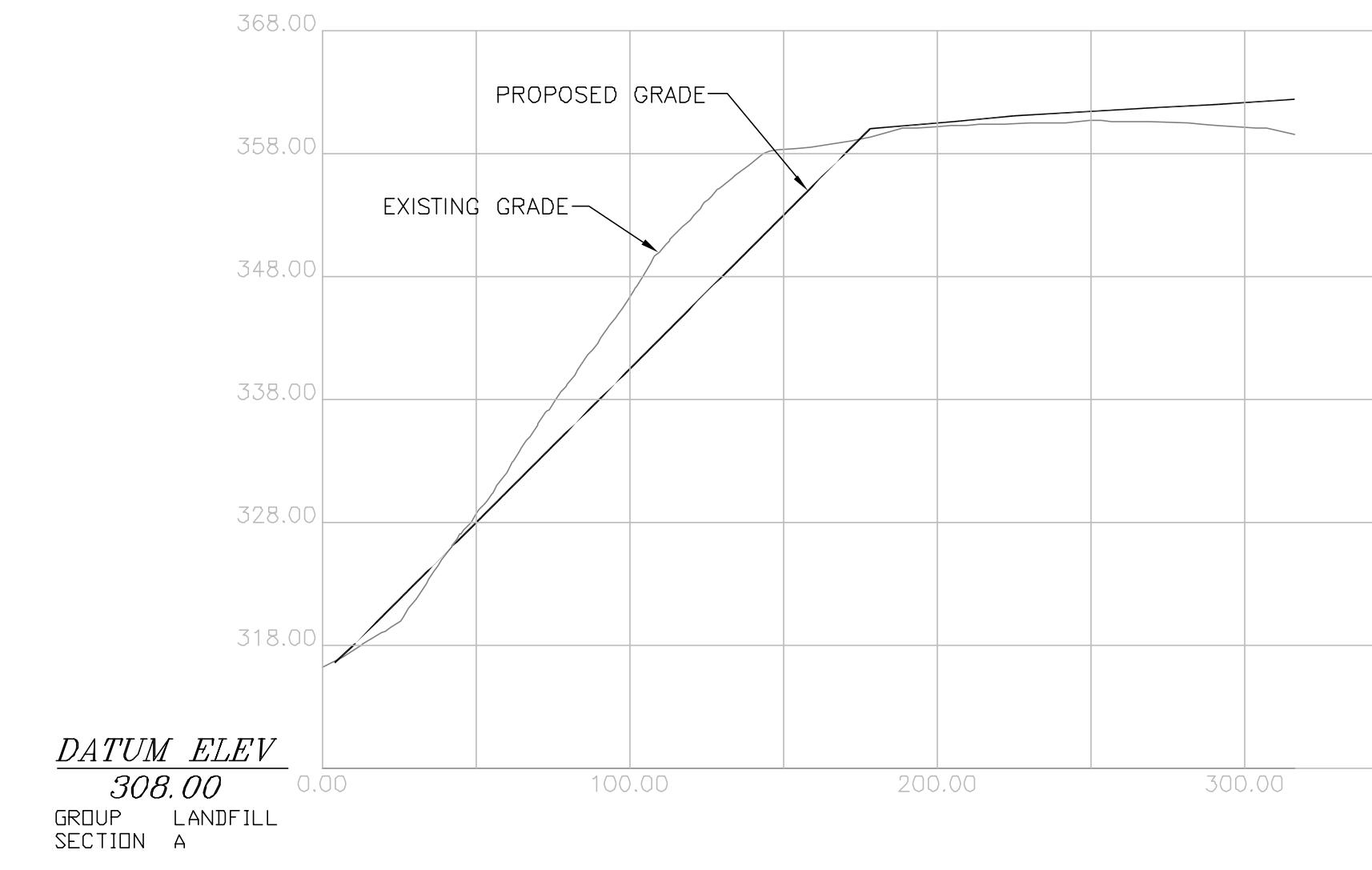
STEVEN J. SURMAN, P.E.
N.J. PROFESSIONAL ENGINEER
240411720

REVISIONS
DATE:
DESCRIPTION:
BY:

DESIGNED BY:	SJS
DRAWN BY:	J.E.B.
CHECKED BY:	K.C.
APPROVED BY:	SJS

ENSR AECOM
ENSR CORPORATION 20 NEW ENGLAND AVENUE PISCATAWAY, NEW JERSEY 08854 PHONE: (732) 981-0200 FAX: (732) 981-0116 WEB: HTTP://WWW.ENSRAECOM.COM
PROJECT NUMBER: 03710-173

DRAWING NUMBER: C-3
SHEET NUMBER: 3 OF 4



REVISIONS	
DESIGNED BY:	SUS
NO.:	
DESCRIPTION:	
DATE:	
BY:	
DRAWN BY:	J.E.B.
CHECKED BY:	K.C.
APPROVED BY:	
SUS	

ENSR AECOM	
ENSR CORPORATION	
20 NEW ENGLAND AVENUE	
PO BOX 1732 NEW JERSEY 08554	
PHONE: (732) 981-01200	
FAX: (732) 981-0116	
WEB: HTTP://WWW.ENSRAECOM.COM	

OLD LANDFILL (AOC-29) CROSS SECTIONS	
FORMER INGERSOIL RAND COMPANY FACILITY	PROJECT NUMBER:
942 MEMORIAL PARKWAY	DATE:
PHILLIIPSBURG, NJ	03710-173
SCALE:	1/26/06
AS SHOWN	

DRAWING NUMBER:	
C-4	
SHEET NUMBER:	
4 OF 4	

Appendices

Appendix A

Geotechnical Investigation Report

Appendix B

Technical Specifications

Appendix C

Major Landfill Disruption Permit Application

Appendix D

Correspondence to NJDEP LURP

Appendix E

Draft Deed Notice for the Old Landfill

ENSR has prepared the following Draft Deed Notice on behalf of Ingersoll Rand Company (Ingersoll Rand) for an area within Block 3201, Lot 7.02, hereafter called the Old Landfill, of the former Ingersoll Rand Company facility, now Phillipsburg Commerce Park. This deed notice is being submitted to address remaining soil concerns within this Lot as detailed in the Old Landfill Remedial Action Work Plan (RAWP).